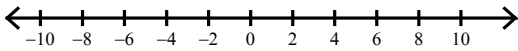


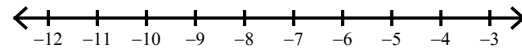
Assignment

Solve each inequality and graph its solution.

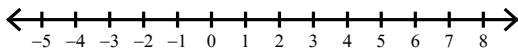
1) $|5k + 1| > 36$



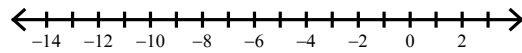
2) $|8 + a| \leq 2$



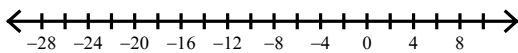
3) $|8n - 2| \leq -2$



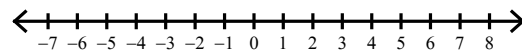
4) $|5 + x| \geq 4$



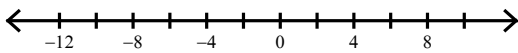
5) $|-9 - n| \geq 16$



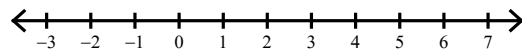
6) $|6p + 8| \geq -58$



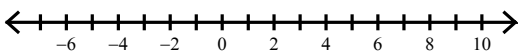
7) $|7 + 3m| \geq 25$



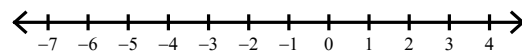
8) $|8 - 9x| > 10$



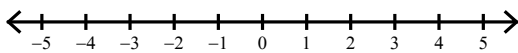
9) $|8x - 6| < 58$



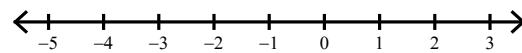
10) $|2b - 9| < -29$



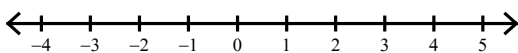
11) $|5n - 9| \geq -29$



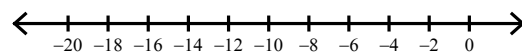
12) $|-4r - 9| < 7$



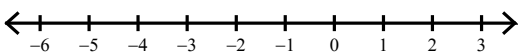
13) $|-5 - 10n| > -75$



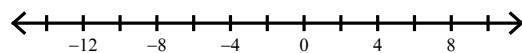
14) $|-b - 10| \geq 8$



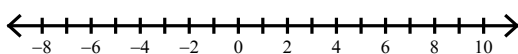
15) $|-8x - 10| \leq 18$



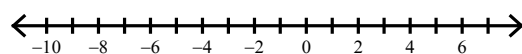
16) $|5x + 10| < 50$



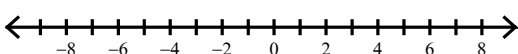
17) $|10a + 2| > 52$



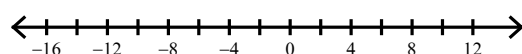
18) $|2x + 2| \leq 14$



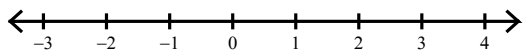
19) $|9 + 10v| \geq 39$



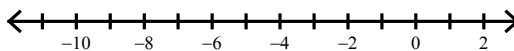
20) $|k + 1| > 10$



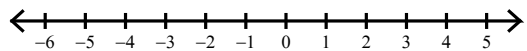
$$21) |8x + 1| < 15$$



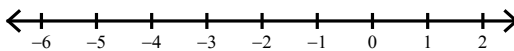
$$22) |4 + p| \geq 3$$



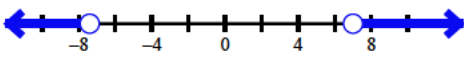
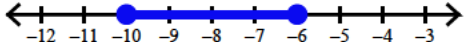
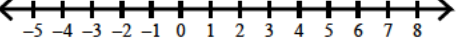
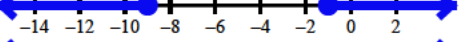
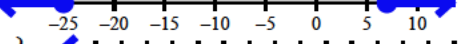
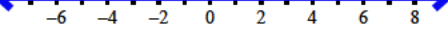
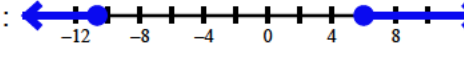
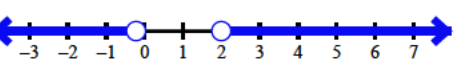
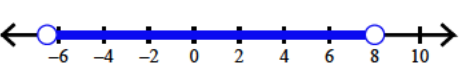
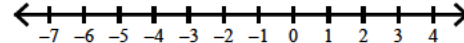
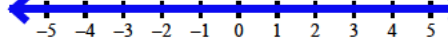
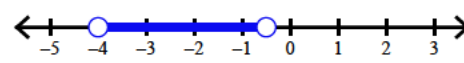
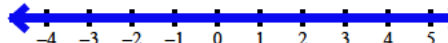
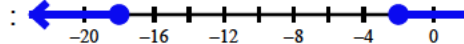
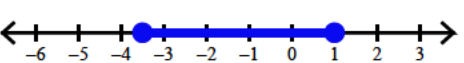
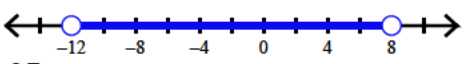
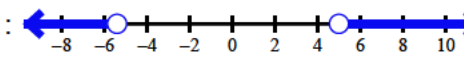
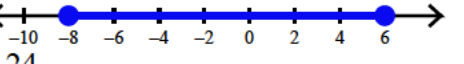
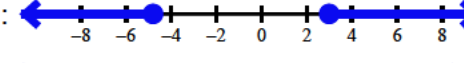
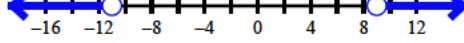
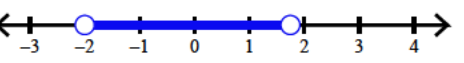
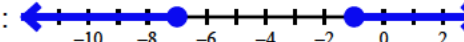
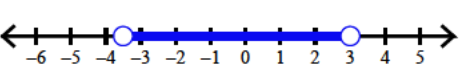

$$23) |4n + 1| < 13$$



$$24) |5m + 9| \leq 9$$



Answers to Assignment (ID: 1)

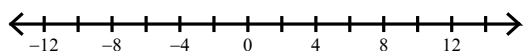
- 1) $k > 7$ or $k < -\frac{37}{5}$: 
- 2) $-10 \leq a \leq -6$: 
- 3) No solution. : 
- 4) $x \geq -1$ or $x \leq -9$: 
- 5) $n \leq -25$ or $n \geq 7$: 
- 6) { All real numbers. } : 
- 7) $m \geq 6$ or $m \leq -\frac{32}{3}$: 
- 8) $x < -\frac{2}{9}$ or $x > 2$: 
- 9) $-\frac{13}{2} < x < 8$: 
- 10) No solution. : 
- 11) { All real numbers. } : 
- 12) $-4 < r < -\frac{1}{2}$: 
- 13) { All real numbers. } : 
- 14) $b \leq -18$ or $b \geq -2$: 
- 15) $-\frac{7}{2} \leq x \leq 1$: 
- 16) $-12 < x < 8$: 
- 17) $a > 5$ or $a < -\frac{27}{5}$: 
- 18) $-8 \leq x \leq 6$: 
- 19) $v \geq 3$ or $v \leq -\frac{24}{5}$: 
- 20) $k > 9$ or $k < -11$: 
- 21) $-2 < x < \frac{7}{4}$: 
- 22) $p \geq -1$ or $p \leq -7$: 
- 23) $-\frac{7}{2} < n < 3$: 
- 24) $-\frac{18}{5} \leq m \leq 0$: 



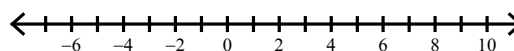
Assignment

Solve each inequality and graph its solution.

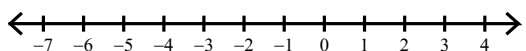
1) $|10n - 8| \geq 92$



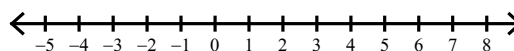
2) $|10 - 8x| \geq 30$



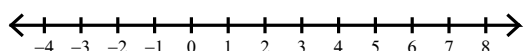
3) $|-8 - 9b| < -80$



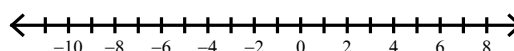
4) $|9 - 9v| \leq -63$



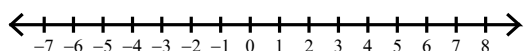
5) $|2r + 4| < -20$



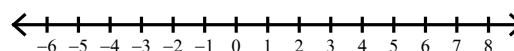
6) $|-8x - 9| \leq 63$



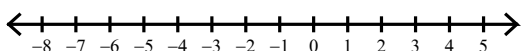
7) $|5 - 10n| > 45$



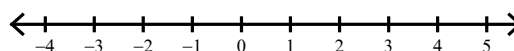
8) $|3a - 10| \geq -22$



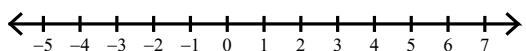
9) $|10 - 10k| < -30$



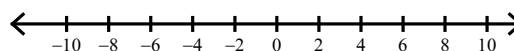
10) $|-7x + 2| \leq 12$



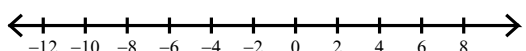
11) $|-3 + 2n| > -11$



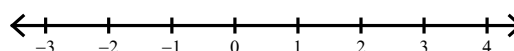
12) $|7x + 3| < 67$



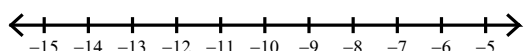
13) $|m + 2| \geq 7$



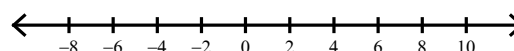
14) $|3x + 1| < 4$



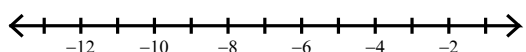
15) $|10 + n| \leq 3$



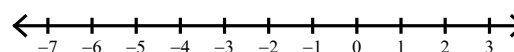
16) $|-4 + 2p| \geq 12$



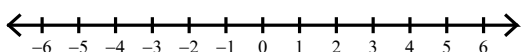
17) $|7 + b| \leq 5$



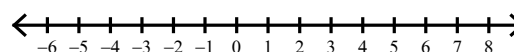
18) $|4r + 9| \leq 11$



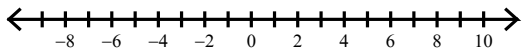
19) $|6 - 8x| \geq -18$



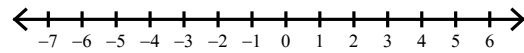
20) $|5 - 8b| < 35$



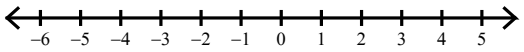
$$21) |10n - 8| < 88$$



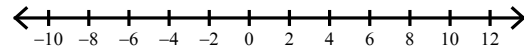
$$22) |10x - 9| > -99$$



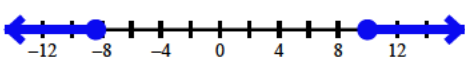
$$23) |8 - 9x| \geq 17$$

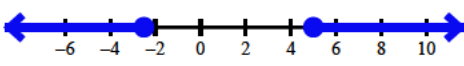


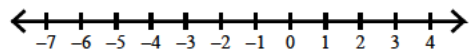
$$24) |9v - 9| \leq 81$$

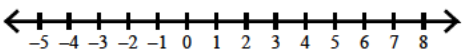


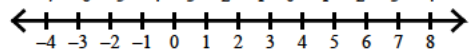
Answers to Assignment (ID: 2)

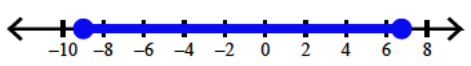
1) $n \geq 10$ or $n \leq -\frac{42}{5}$: 

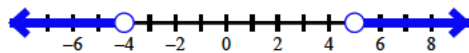
2) $x \leq -\frac{5}{2}$ or $x \geq 5$: 

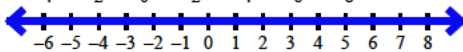
3) No solution. : 

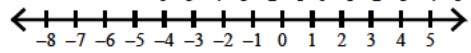
4) No solution. : 

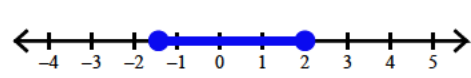
5) No solution. : 

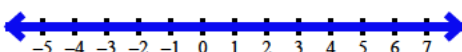
6) $-9 \leq x \leq \frac{27}{4}$: 

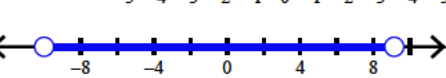
7) $n < -4$ or $n > 5$: 

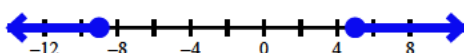
8) { All real numbers. } : 

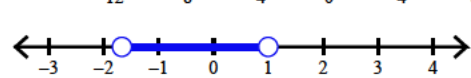
9) No solution. : 

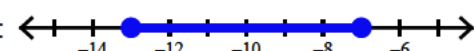
10) $-\frac{10}{7} \leq x \leq 2$: 

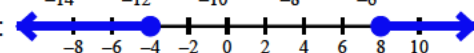
11) { All real numbers. } : 

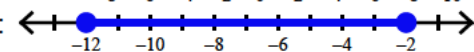
12) $-10 < x < \frac{64}{7}$: 

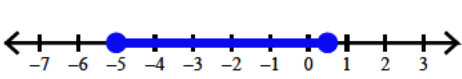
13) $m \geq 5$ or $m \leq -9$: 

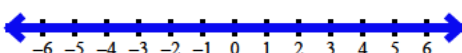
14) $-\frac{5}{3} < x < 1$: 

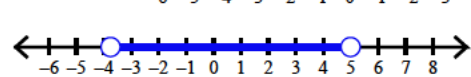
15) $-13 \leq n \leq -7$: 

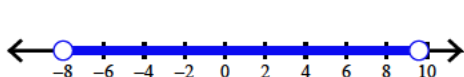
16) $p \geq 8$ or $p \leq -4$: 

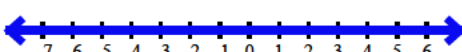
17) $-12 \leq b \leq -2$: 

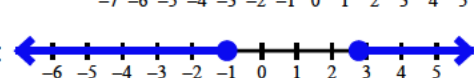
18) $-5 \leq r \leq \frac{1}{2}$: 

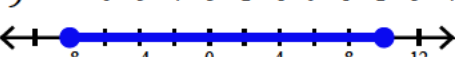
19) { All real numbers. } : 

20) $-\frac{15}{4} < b < 5$: 

21) $-8 < n < \frac{48}{5}$: 

22) { All real numbers. } : 

23) $x \leq -1$ or $x \geq \frac{25}{9}$: 

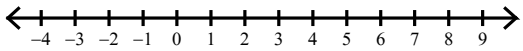
24) $-8 \leq v \leq 10$: 



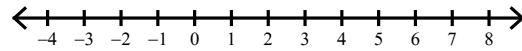
Assignment

Solve each inequality and graph its solution.

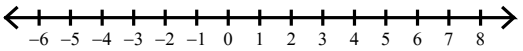
1) $|5a - 9| \geq 11$



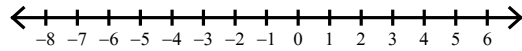
2) $|-10p + 3| \leq -37$



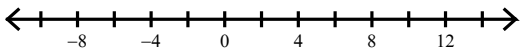
3) $|-7x + 3| \leq 32$



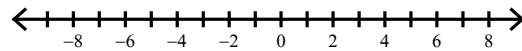
4) $|-6k - 10| < -64$



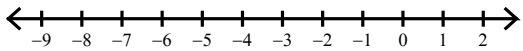
5) $|-3 + 2n| > 17$



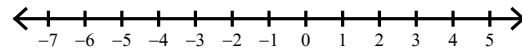
6) $|10m + 5| < 55$



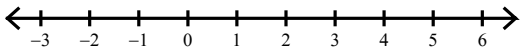
7) $|8 + 2r| < 6$



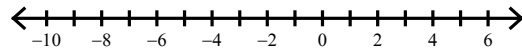
8) $|2n + 1| \leq 7$



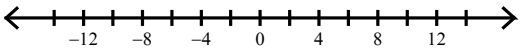
9) $|-b + 1| > 1$



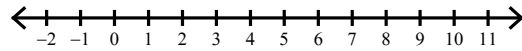
10) $|5 + 2x| < 13$



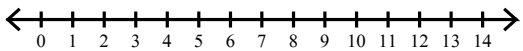
11) $|6 - 7x| \geq 76$



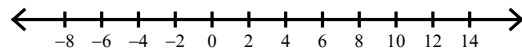
12) $|2v - 7| \geq 5$



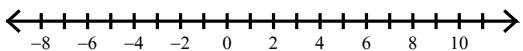
13) $|n - 8| < 5$



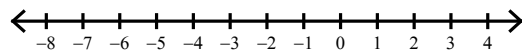
14) $|2x - 8| > 16$



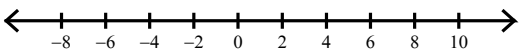
15) $|8a - 8| \leq 56$



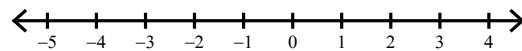
16) $|10 - 9x| \geq -71$



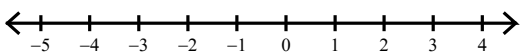
17) $|5 - 8k| \leq 69$



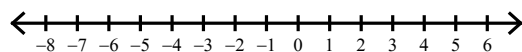
18) $|7 - 9m| < 25$



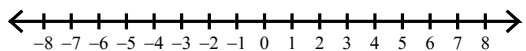
19) $|10 + 3p| \leq -17$



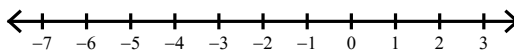
20) $|-7x + 3| > -32$



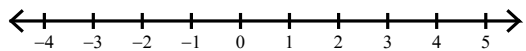
$$21) \quad |-10n - 9| < 69$$



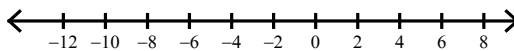
$$22) \quad |2b + 3| \geq 3$$



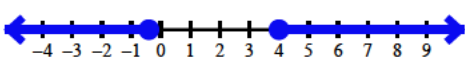
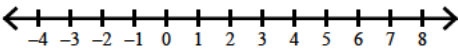
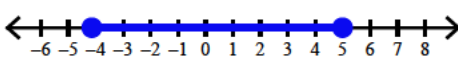
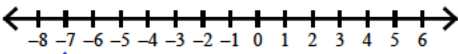
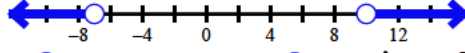
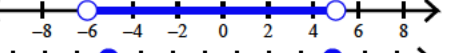
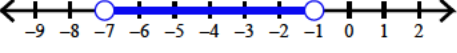
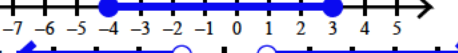
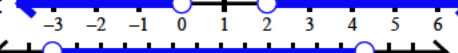
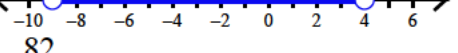
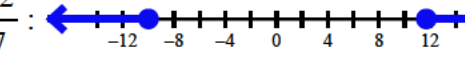
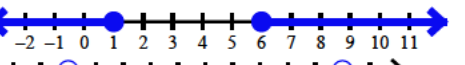
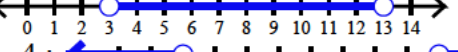
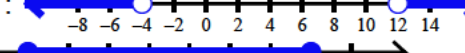
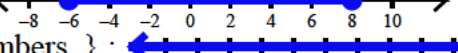
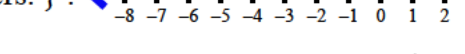
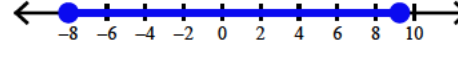
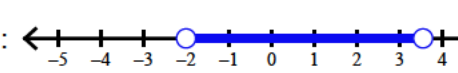
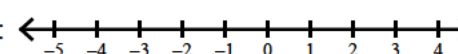
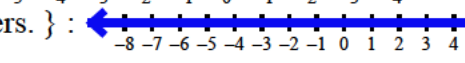
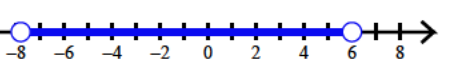
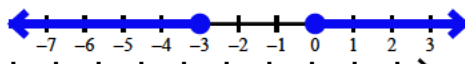
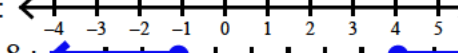
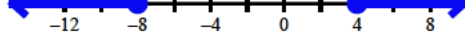
$$23) \quad |10 + 2r| < -6$$



$$24) \quad |6 + 3n| \geq 18$$



Answers to Assignment (ID: 3)

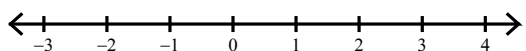
- 1) $a \geq 4$ or $a \leq -\frac{2}{5}$: 
- 2) No solution. : 
- 3) $-\frac{29}{7} \leq x \leq 5$: 
- 4) No solution. : 
- 5) $n > 10$ or $n < -7$: 
- 6) $-6 < m < 5$: 
- 7) $-7 < r < -1$: 
- 8) $-4 \leq n \leq 3$: 
- 9) $b < 0$ or $b > 2$: 
- 10) $-9 < x < 4$: 
- 11) $x \leq -10$ or $x \geq \frac{82}{7}$: 
- 12) $v \geq 6$ or $v \leq 1$: 
- 13) $3 < n < 13$: 
- 14) $x > 12$ or $x < -4$: 
- 15) $-6 \leq a \leq 8$: 
- 16) { All real numbers. } : 
- 17) $-8 \leq k \leq \frac{37}{4}$: 
- 18) $-2 < m < \frac{32}{9}$: 
- 19) No solution. : 
- 20) { All real numbers. } : 
- 21) $-\frac{39}{5} < n < 6$: 
- 22) $b \geq 0$ or $b \leq -3$: 
- 23) No solution. : 
- 24) $n \geq 4$ or $n \leq -8$: 



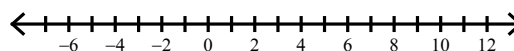
Assignment

Solve each inequality and graph its solution.

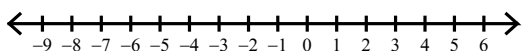
1) $|-5n + 2| \leq 7$



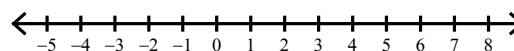
2) $|2v - 7| \geq 11$



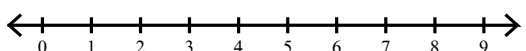
3) $|7x + 2| \leq 40$



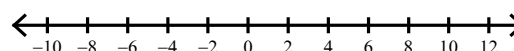
4) $|-2 + 2a| > 6$



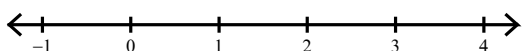
5) $|2x - 7| < 5$



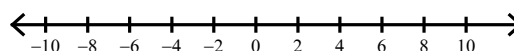
6) $|10 - 8a| \leq 70$



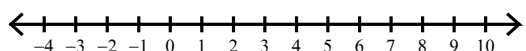
7) $|6x - 7| < 1$



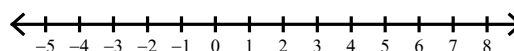
8) $|7k - 8| > 50$



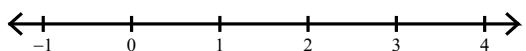
9) $|4p - 8| > 12$



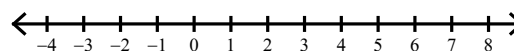
10) $|7 - 8x| \geq 25$



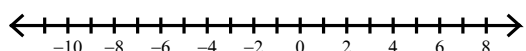
11) $|7m - 9| \leq 2$



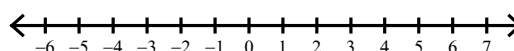
12) $|3n - 9| < -12$



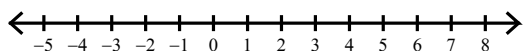
13) $|2r + 4| \leq 16$



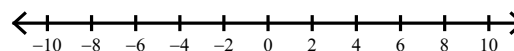
14) $|6x - 3| \geq -39$



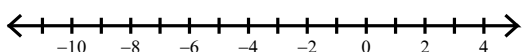
15) $|7 + 3n| \geq -29$



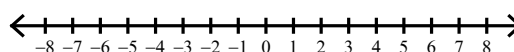
16) $|4b + 3| < 35$



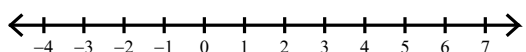
17) $|8 + 3v| < 16$



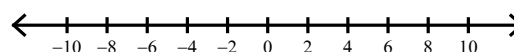
18) $|5k + 7| < -3$



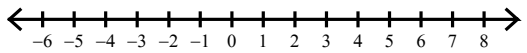
19) $|-5n + 2| > 8$



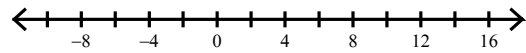
20) $|-10a + 2| > 68$



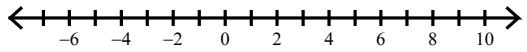
$$21) \quad |-9x + 2| \leq -52$$



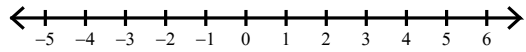
$$22) \quad |2n - 7| \leq 23$$



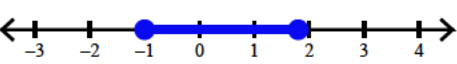
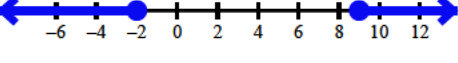
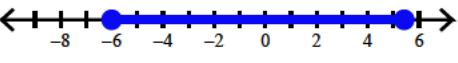
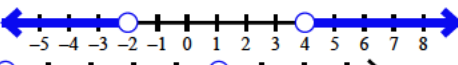
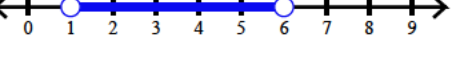
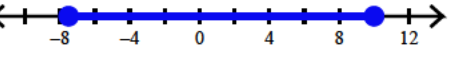
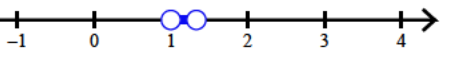
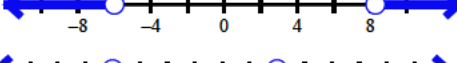
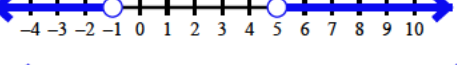
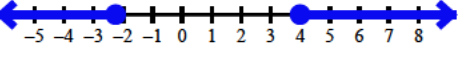
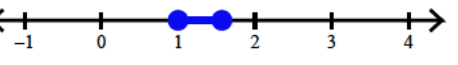
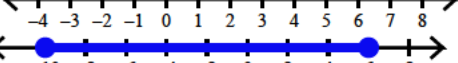
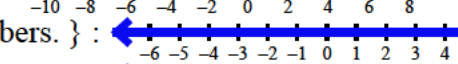
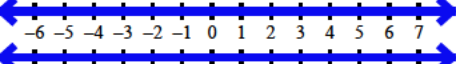
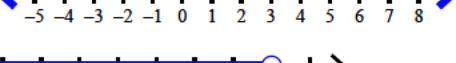
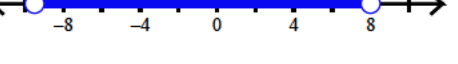
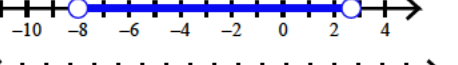
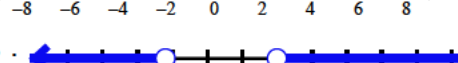
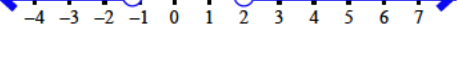

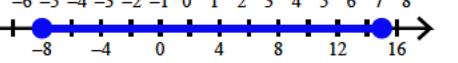
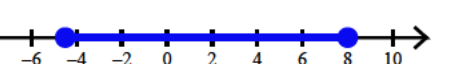
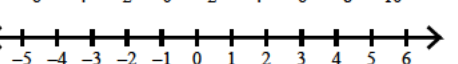
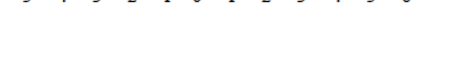
$$23) \quad |4x - 7| \leq 25$$



$$24) \quad |7 - 7x| < -35$$



Answers to Assignment (ID: 4)

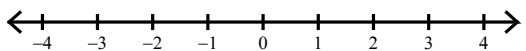
- 1) $-1 \leq n \leq \frac{9}{5}$: 
- 2) $v \geq 9$ or $v \leq -2$: 
- 3) $-6 \leq x \leq \frac{38}{7}$: 
- 4) $a > 4$ or $a < -2$: 
- 5) $1 < x < 6$: 
- 6) $-\frac{15}{2} \leq a \leq 10$: 
- 7) $1 < x < \frac{4}{3}$: 
- 8) $k > \frac{58}{7}$ or $k < -6$: 
- 9) $p > 5$ or $p < -1$: 
- 10) $x \leq -\frac{9}{4}$ or $x \geq 4$: 
- 11) $1 \leq m \leq \frac{11}{7}$: 
- 12) No solution. : 
- 13) $-10 \leq r \leq 6$: 
- 14) { All real numbers. } : 
- 15) { All real numbers. } : 
- 16) $-\frac{19}{2} < b < 8$: 
- 17) $-8 < v < \frac{8}{3}$: 
- 18) No solution. : 
- 19) $n < -\frac{6}{5}$ or $n > 2$: 
- 20) $a < -\frac{33}{5}$ or $a > 7$: 
- 21) No solution. : 
- 22) $-8 \leq n \leq 15$: 
- 23) $-\frac{9}{2} \leq x \leq 8$: 
- 24) No solution. : 



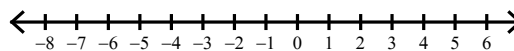
Assignment

Solve each inequality and graph its solution.

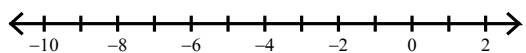
1) $|-7 - 4m| > -31$



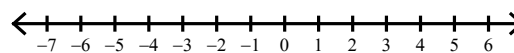
2) $|-1 - 8x| < 47$



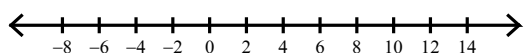
3) $|3n + 9| \leq 12$



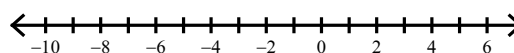
4) $|7 + 5b| \leq -53$



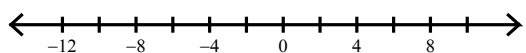
5) $|4p - 8| \geq 32$



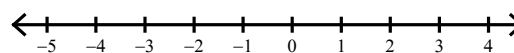
6) $|2x + 4| > 10$



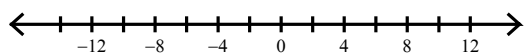
7) $|9 + 4n| \geq 33$



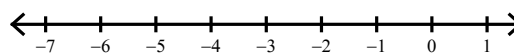
8) $|5a + 3| < -52$



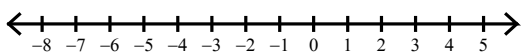
9) $|5 + 4r| > 41$



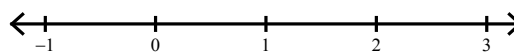
10) $|8 + 3v| \leq 7$



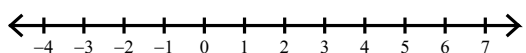
11) $|8x + 3| > -37$



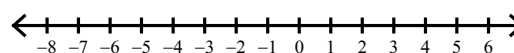
12) $|-9x + 3| \leq 3$



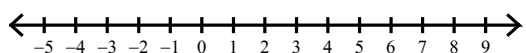
13) $|5 + 2a| \geq -17$



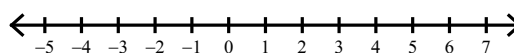
14) $|-4 - 7n| > 31$



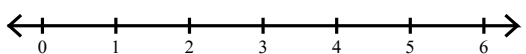
15) $|10 - 6p| < 26$



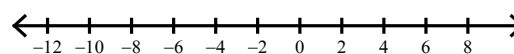
16) $|-7x - 6| \leq -76$



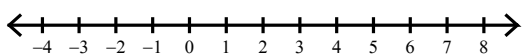
17) $|2k - 6| < 4$



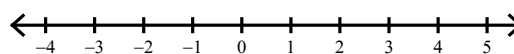
18) $|-5r - 7| \geq 33$



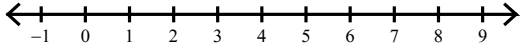
19) $|-7 + m| \geq -15$



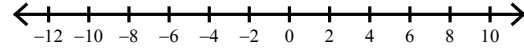
20) $|5 - 8x| < 29$



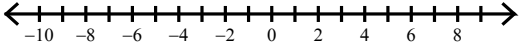
$$21) |2n - 8| \leq 4$$



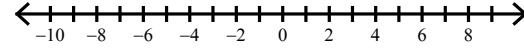
$$22) |7v + 5| > 58$$




$$23) |5x + 4| \geq 24$$

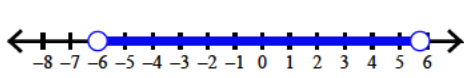


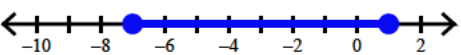
$$24) |10b + 5| \leq 75$$

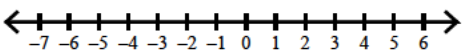


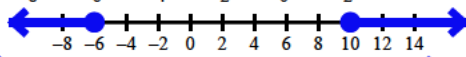
Answers to Assignment (ID: 5)

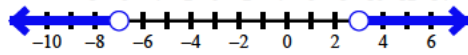
1) { All real numbers. } : 

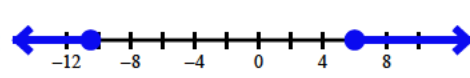
2) $-6 < x < \frac{23}{4}$: 

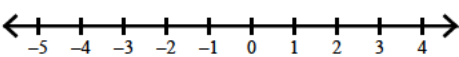
3) $-7 \leq n \leq 1$: 

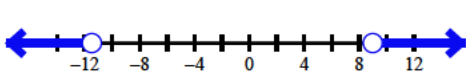
4) No solution. : 

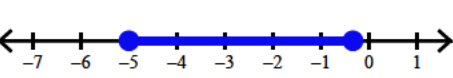
5) $p \geq 10$ or $p \leq -6$: 

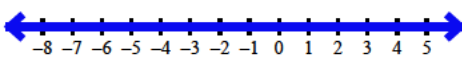
6) $x > 3$ or $x < -7$: 

7) $n \geq 6$ or $n \leq -\frac{21}{2}$: 

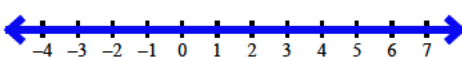
8) No solution. : 

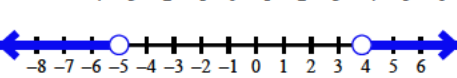
9) $r > 9$ or $r < -\frac{23}{2}$: 

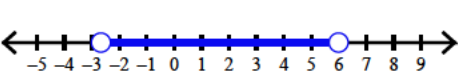
10) $-5 \leq v \leq -\frac{1}{3}$: 

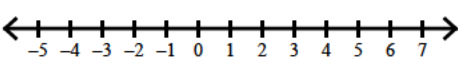
11) { All real numbers. } : 

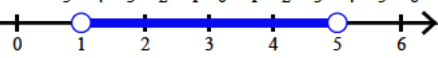
12) $0 \leq x \leq \frac{2}{3}$: 

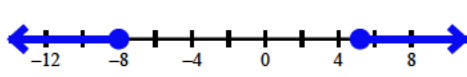
13) { All real numbers. } : 

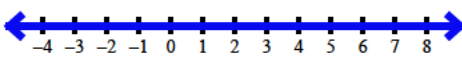
14) $n < -5$ or $n > \frac{27}{7}$: 

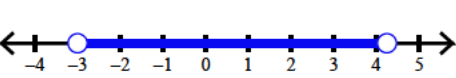
15) $-\frac{8}{3} < p < 6$: 

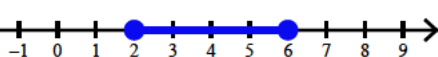
16) No solution. : 

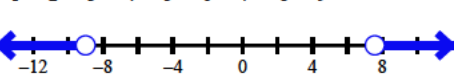
17) $1 < k < 5$: 

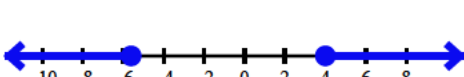
18) $r \leq -8$ or $r \geq \frac{26}{5}$: 

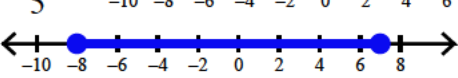
19) { All real numbers. } : 

20) $-3 < x < \frac{17}{4}$: 

21) $2 \leq n \leq 6$: 

22) $v > \frac{53}{7}$ or $v < -9$: 

23) $x \geq 4$ or $x \leq -\frac{28}{5}$: 

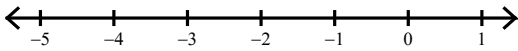
24) $-8 \leq b \leq 7$: 



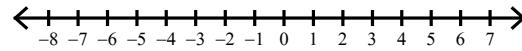
Assignment

Solve each inequality and graph its solution.

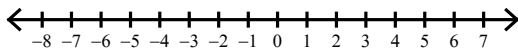
1) $|5k + 4| \leq 6$



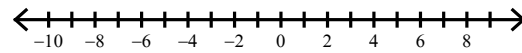
2) $|3x + 3| > 9$



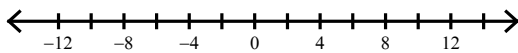
3) $|4a + 4| < 24$



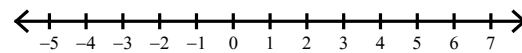
4) $|10x + 3| > 57$



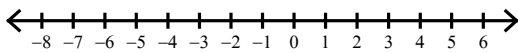
5) $|1 + 4n| \geq 37$



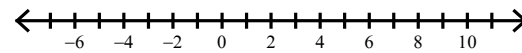
6) $|6m - 6| < 18$



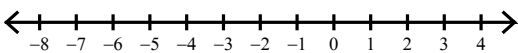
7) $|7 - 5n| \geq -23$



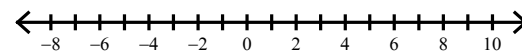
8) $|10 - 6p| \leq 44$



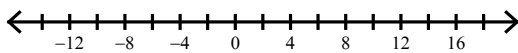
9) $|-8 - 6x| \leq -50$



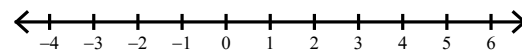
10) $|10r - 7| \geq 57$



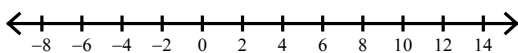
11) $|3b - 7| \geq 37$



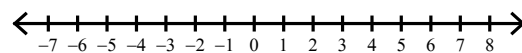
12) $|-4n - 6| > -42$



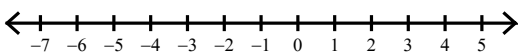
13) $|-2a + 5| > 15$



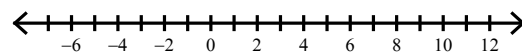
14) $|7 - 7x| < -49$



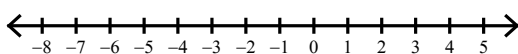
15) $|1 + 5v| > 11$



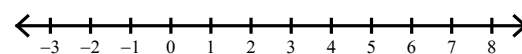
16) $|-3x + 5| \geq 16$



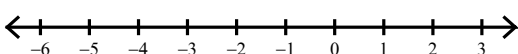
17) $|10n + 4| \leq 46$



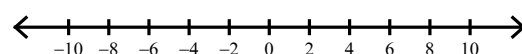
18) $|4n - 7| \leq 13$



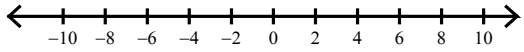
19) $|8 + 4k| \leq 8$



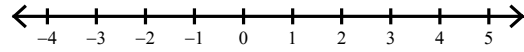
20) $|1 + 5x| < 49$



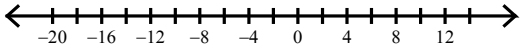
$$21) |4p + 4| > 28$$



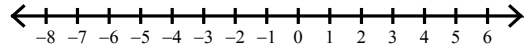
$$22) |3 - 5n| \geq 7$$



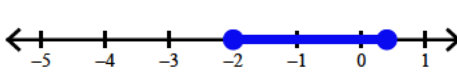
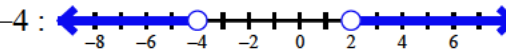
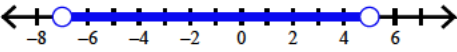
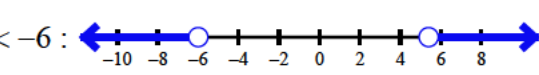
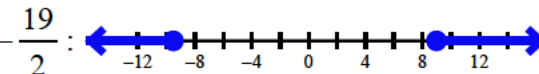
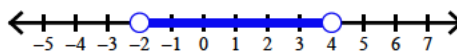
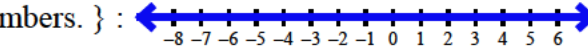
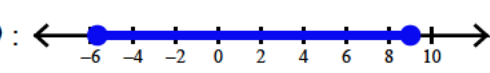
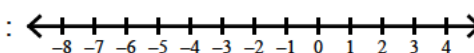
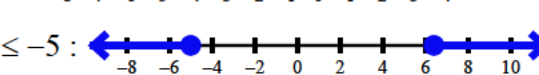
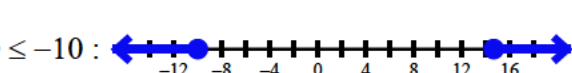
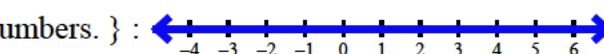
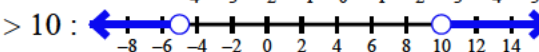
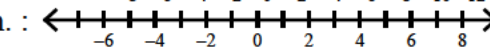
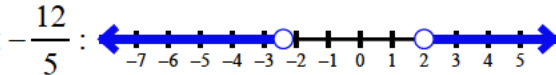
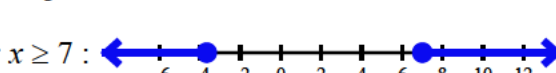
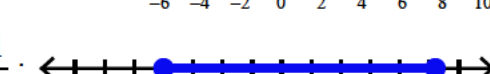
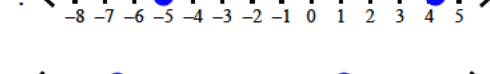
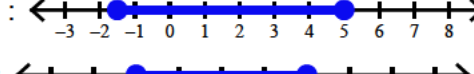
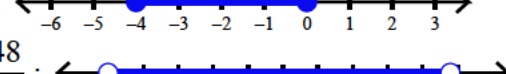
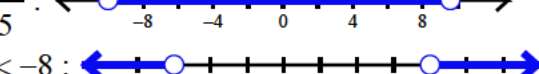
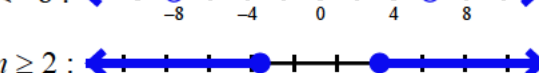
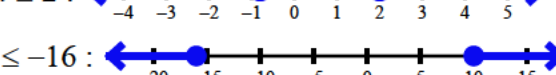
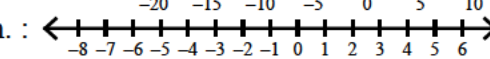
$$23) |x + 3| \geq 13$$



$$24) |6m - 5| < -65$$



Answers to Assignment (ID: 6)

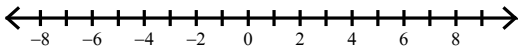
- 1) $-2 \leq k \leq \frac{2}{5}$: 
- 2) $x > 2$ or $x < -4$: 
- 3) $-7 < a < 5$: 
- 4) $x > \frac{27}{5}$ or $x < -6$: 
- 5) $n \geq 9$ or $n \leq -\frac{19}{2}$: 
- 6) $-2 < m < 4$: 
- 7) { All real numbers. } : 
- 8) $-\frac{17}{3} \leq p \leq 9$: 
- 9) No solution. : 
- 10) $r \geq \frac{32}{5}$ or $r \leq -5$: 
- 11) $b \geq \frac{44}{3}$ or $b \leq -10$: 
- 12) { All real numbers. } : 
- 13) $a < -5$ or $a > 10$: 
- 14) No solution. : 
- 15) $v > 2$ or $v < -\frac{12}{5}$: 
- 16) $x \leq -\frac{11}{3}$ or $x \geq 7$: 
- 17) $-5 \leq n \leq \frac{21}{5}$: 
- 18) $-\frac{3}{2} \leq n \leq 5$: 
- 19) $-4 \leq k \leq 0$: 
- 20) $-10 < x < \frac{48}{5}$: 
- 21) $p > 6$ or $p < -8$: 
- 22) $n \leq -\frac{4}{5}$ or $n \geq 2$: 
- 23) $x \geq 10$ or $x \leq -16$: 
- 24) No solution. : 



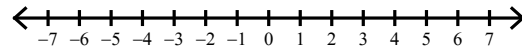
Assignment

Solve each inequality and graph its solution.

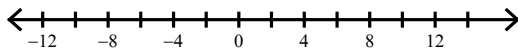
1) $|5x - 6| > 26$



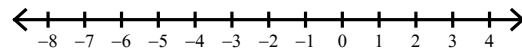
2) $|8 - 6n| > -58$



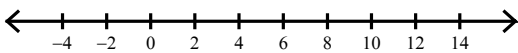
3) $|10 - 5r| \leq 55$



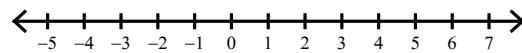
4) $|4 - 6b| \geq -38$



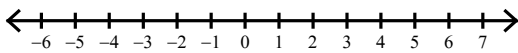
5) $|v - 6| < 8$



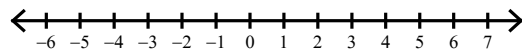
6) $|-2 + 6a| > -50$



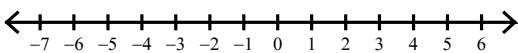
7) $|-6n + 6| \leq -36$



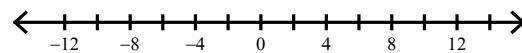
8) $|-7k + 5| \geq 23$



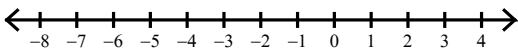
9) $|-9 - 7x| \leq 30$



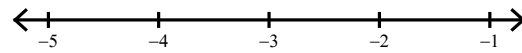
10) $|8p + 5| \geq 77$



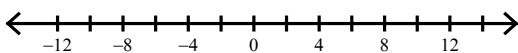
11) $|4 + 5x| < -11$



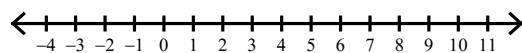
12) $|2n + 5| \leq 1$



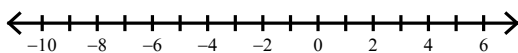
13) $|10m + 4| > 96$



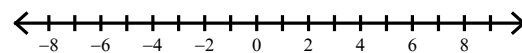
14) $|-x + 4| \geq 4$



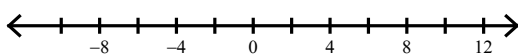
15) $|3p + 4| > 11$



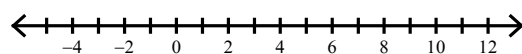
16) $|5 - 5r| \leq 35$



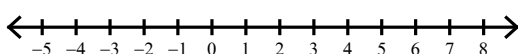
17) $|6b - 5| < 55$



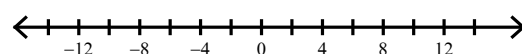
18) $|2x - 5| > 9$



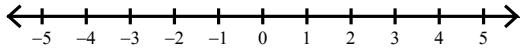
19) $|2 - 4n| < 18$



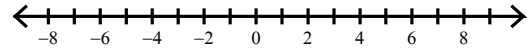
20) $|10n - 6| \geq 96$



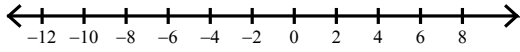
$$21) |8v - 6| < -70$$



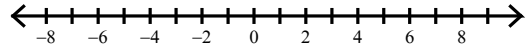
$$22) |7a - 6| \geq 34$$



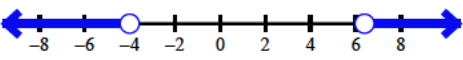
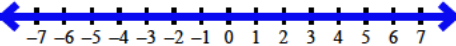
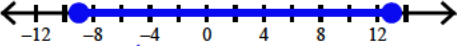
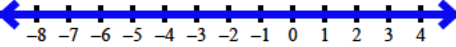

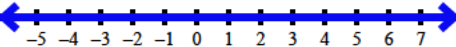
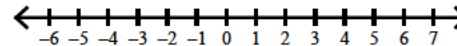
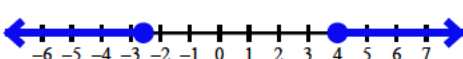
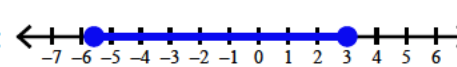
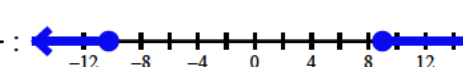
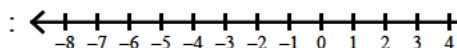

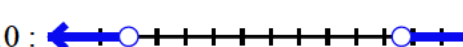
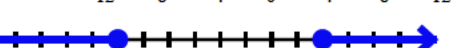

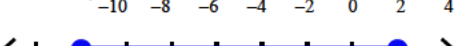
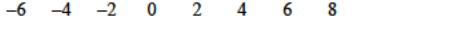

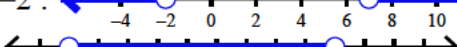
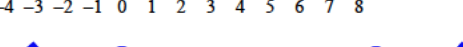
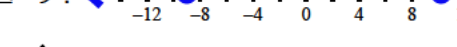
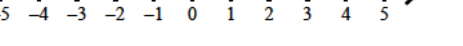
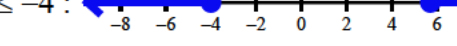
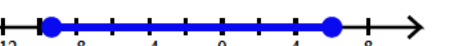
$$23) |-10 - 6x| \leq 46$$



$$24) |-6x + 6| > 24$$



Answers to Assignment (ID: 7)

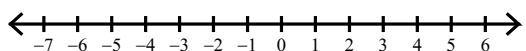
- 1) $x > \frac{32}{5}$ or $x < -4$: 
- 2) { All real numbers. } : 
- 3) $-9 \leq r \leq 13$: 
- 4) { All real numbers. } : 
- 5) $-2 < v < 14$: 
- 6) { All real numbers. } : 
- 7) No solution. : 
- 8) $k \leq -\frac{18}{7}$ or $k \geq 4$: 
- 9) $-\frac{39}{7} \leq x \leq 3$: 
- 10) $p \geq 9$ or $p \leq -\frac{41}{4}$: 
- 11) No solution. : 
- 12) $-3 \leq n \leq -2$: 
- 13) $m > \frac{46}{5}$ or $m < -10$: 
- 14) $x \leq 0$ or $x \geq 8$: 
- 15) $p > \frac{7}{3}$ or $p < -5$: 
- 16) $-6 \leq r \leq 8$: 
- 17) $-\frac{25}{3} < b < 10$: 
- 18) $x > 7$ or $x < -2$: 
- 19) $-4 < n < 5$: 
- 20) $n \geq \frac{51}{5}$ or $n \leq -9$: 
- 21) No solution. : 
- 22) $a \geq \frac{40}{7}$ or $a \leq -4$: 
- 23) $-\frac{28}{3} \leq x \leq 6$: 
- 24) $x < -3$ or $x > 5$: 



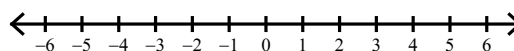
Assignment

Solve each inequality and graph its solution.

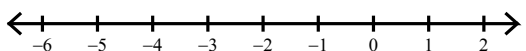
1) $|10n + 6| > -84$



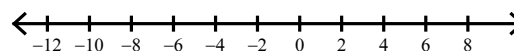
2) $|2 + 6k| \geq -34$



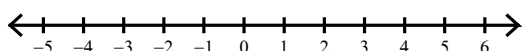
3) $|7 + 5x| < 13$



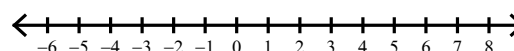
4) $|10p + 6| < 84$



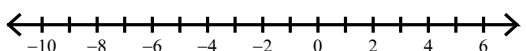
5) $|-4n + 5| \leq -11$



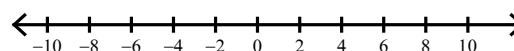
6) $|-5 + 5r| \geq 15$



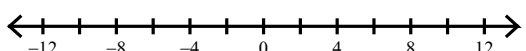
7) $|-2x - 4| \geq 10$



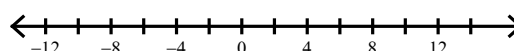
8) $|2 - 4n| < 30$



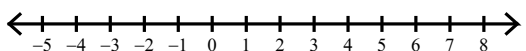
9) $|-1 + 5m| > 36$



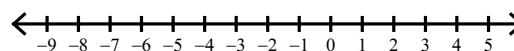
10) $|4x - 5| > 35$



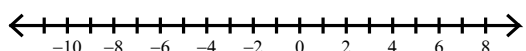
11) $|7 - 5v| > 18$



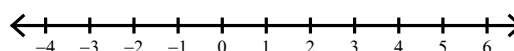
12) $|-5n - 9| < 24$



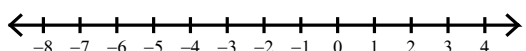
13) $|3b + 7| \leq 25$



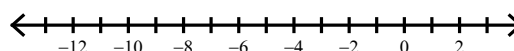
14) $|7k - 6| < 15$



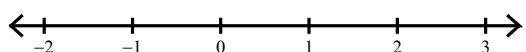
15) $|-10p - 6| \leq -86$



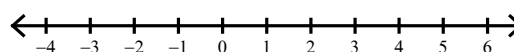
16) $|2x + 9| > 9$



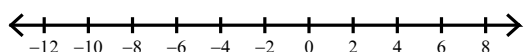
17) $|4 - 5a| < 9$



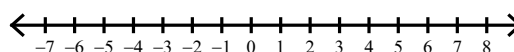
18) $|4 + 6m| \geq -44$



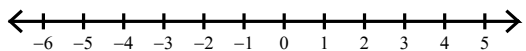
19) $|7 + 7n| \geq 42$



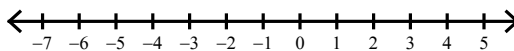
20) $|-8 + 6x| \leq 34$



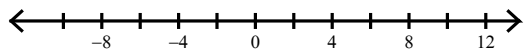
$$21) \quad |-9b + 5| > -22$$



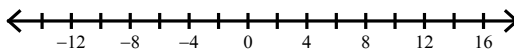
$$22) \quad |r + 6| < -1$$



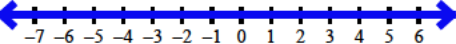

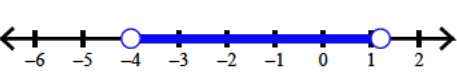
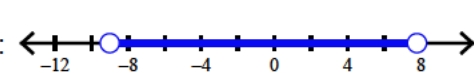
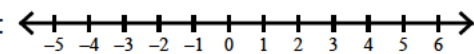
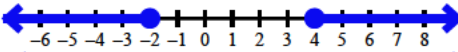
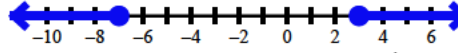
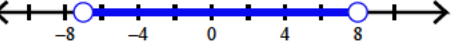
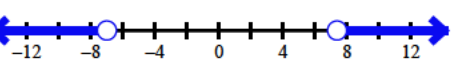
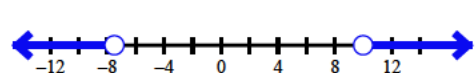
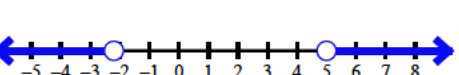
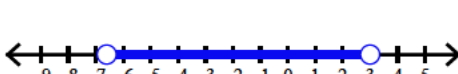
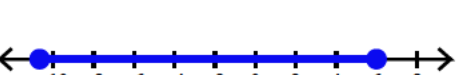
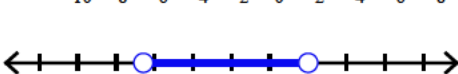
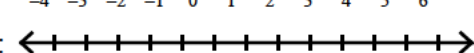
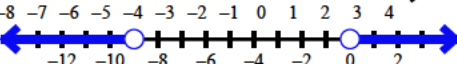
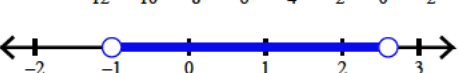
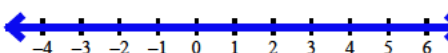
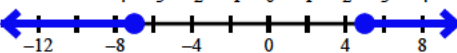
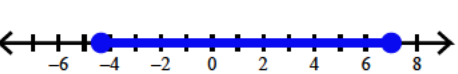
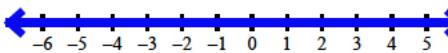
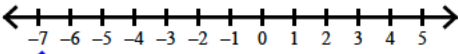
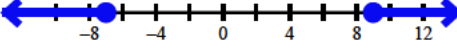
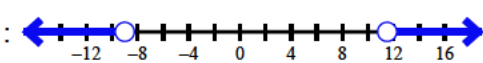
$$23) \quad |-5r + 5| \geq 40$$



$$24) \quad |-4n + 5| > 41$$



Answers to Assignment (ID: 8)

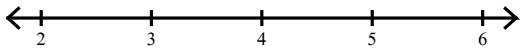
- 1) { All real numbers. } : 
- 2) { All real numbers. } : 
- 3) $-4 < x < \frac{6}{5}$: 
- 4) $-9 < p < \frac{39}{5}$: 
- 5) No solution. : 
- 6) $r \geq 4$ or $r \leq -2$: 
- 7) $x \leq -7$ or $x \geq 3$: 
- 8) $-7 < n < 8$: 
- 9) $m > \frac{37}{5}$ or $m < -7$: 
- 10) $x > 10$ or $x < -\frac{15}{2}$: 
- 11) $v < -\frac{11}{5}$ or $v > 5$: 
- 12) $-\frac{33}{5} < n < 3$: 
- 13) $-\frac{32}{3} \leq b \leq 6$: 
- 14) $-\frac{9}{7} < k < 3$: 
- 15) No solution. : 
- 16) $x > 0$ or $x < -9$: 
- 17) $-1 < a < \frac{13}{5}$: 
- 18) { All real numbers. } : 
- 19) $n \geq 5$ or $n \leq -7$: 
- 20) $-\frac{13}{3} \leq x \leq 7$: 
- 21) { All real numbers. } : 
- 22) No solution. : 
- 23) $r \leq -7$ or $r \geq 9$: 
- 24) $n < -9$ or $n > \frac{23}{2}$: 



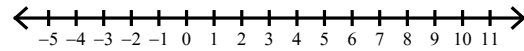
Assignment

Solve each inequality and graph its solution.

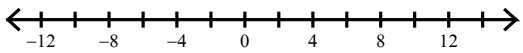
1) $|a - 4| \leq 1$



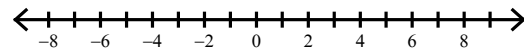
2) $|v - 4| > 4$



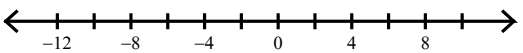
3) $|5 - 4n| < 45$



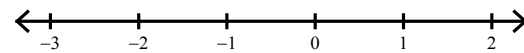
4) $|7x - 3| < 39$



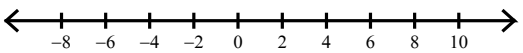
5) $|-3x - 4| \geq 23$



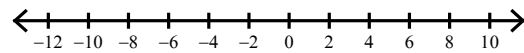
6) $|4 - 5n| < 1$



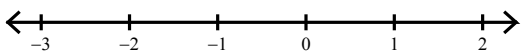
7) $|8k - 5| \leq 61$



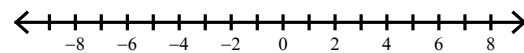
8) $|-5x - 4| \leq 49$



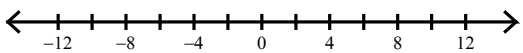
9) $|5 + 8p| \leq 11$



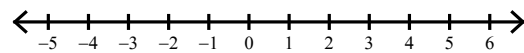
10) $|6 + 7m| < 50$



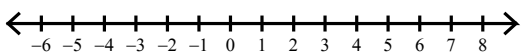
11) $|9n + 7| \geq 79$



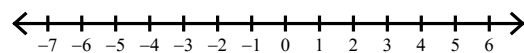
12) $|1 + 7x| > -62$



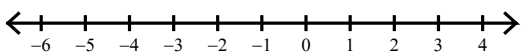
13) $|9r + 6| < -3$



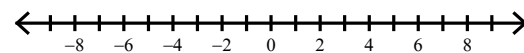
14) $|-8 + 6x| \leq -2$



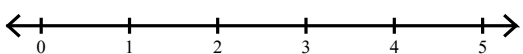
15) $|5 + 6b| \geq 1$



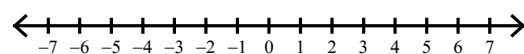
16) $|8n + 6| > 42$



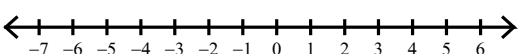
17) $|7 - 3n| \leq 4$



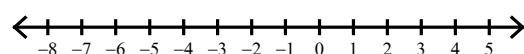
18) $|1 + 5v| \geq -44$



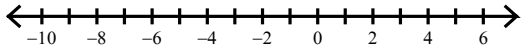
19) $|10x - 3| < -73$



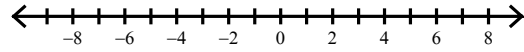
20) $|-7 - 4k| > -35$



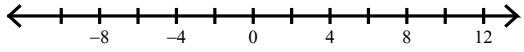
$$21) \quad |-3a - 3| \leq 18$$



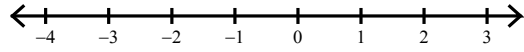
$$22) \quad |-4p - 4| \geq 20$$



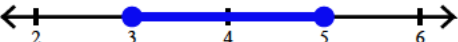
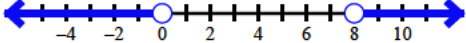

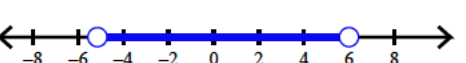
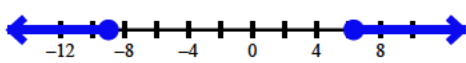
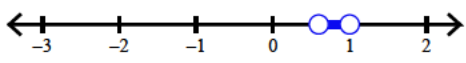
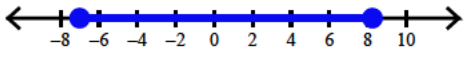
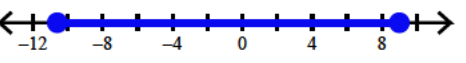

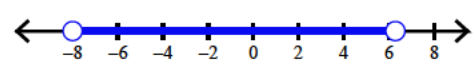
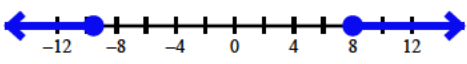
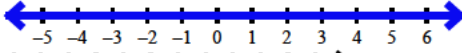
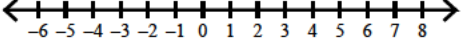
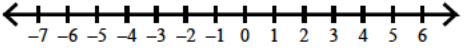
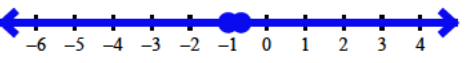
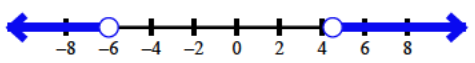

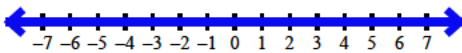
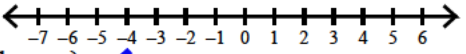
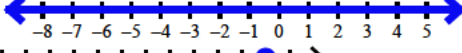
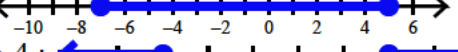
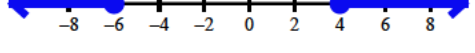
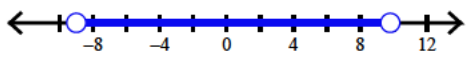
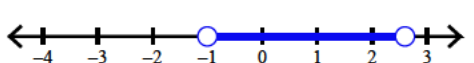
$$23) \quad |2 - 5n| < 47$$



$$24) \quad |5x - 4| < 9$$



Answers to Assignment (ID: 9)

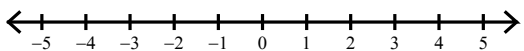
- 1) $3 \leq a \leq 5$: 
- 2) $v > 8$ or $v < 0$: 
- 3) $-10 < n < \frac{25}{2}$: 
- 4) $-\frac{36}{7} < x < 6$: 
- 5) $x \leq -9$ or $x \geq \frac{19}{3}$: 
- 6) $\frac{3}{5} < n < 1$: 
- 7) $-7 \leq k \leq \frac{33}{4}$: 
- 8) $-\frac{53}{5} \leq x \leq 9$: 
- 9) $-2 \leq p \leq \frac{3}{4}$: 
- 10) $-8 < m < \frac{44}{7}$: 
- 11) $n \geq 8$ or $n \leq -\frac{86}{9}$: 
- 12) { All real numbers. } : 
- 13) No solution. : 
- 14) No solution. : 
- 15) $b \geq -\frac{2}{3}$ or $b \leq -1$: 
- 16) $n > \frac{9}{2}$ or $n < -6$: 
- 17) $1 \leq n \leq \frac{11}{3}$: 
- 18) { All real numbers. } : 
- 19) No solution. : 
- 20) { All real numbers. } : 
- 21) $-7 \leq a \leq 5$: 
- 22) $p \leq -6$ or $p \geq 4$: 
- 23) $-9 < n < \frac{49}{5}$: 
- 24) $-1 < x < \frac{13}{5}$: 



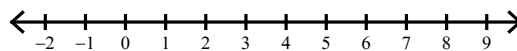
Assignment

Solve each inequality and graph its solution.

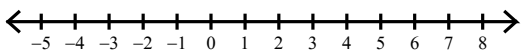
1) $|2 + 7n| \geq -75$



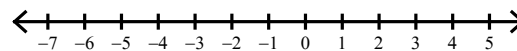
2) $|-2x + 8| \geq 4$



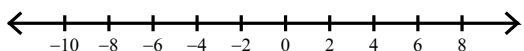
3) $|10m - 5| \leq 45$



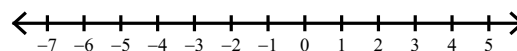
4) $|7 + 8r| > 15$



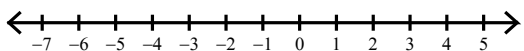
5) $|9r + 7| \leq 79$



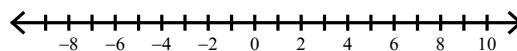
6) $|5 + 7b| < 26$



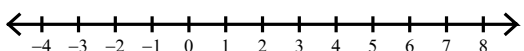
7) $|7a + 6| \geq 20$



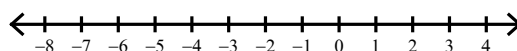
8) $|2 + 7x| \leq 54$



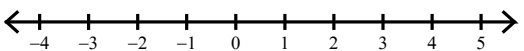
9) $|10n + 6| > -94$



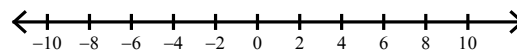
10) $|-7 - 3x| \leq -25$



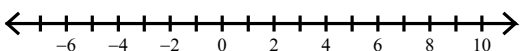
11) $|-10x - 3| < -33$



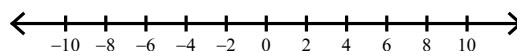
12) $|10n - 3| > 77$



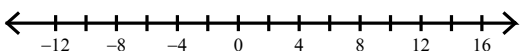
13) $|4v - 2| < 26$



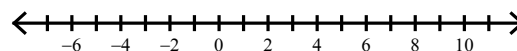
14) $|8x - 4| < 76$



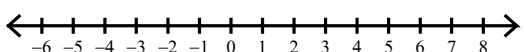
15) $|2k - 3| \geq 19$



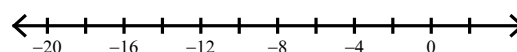
16) $|4 - 4n| \leq 28$



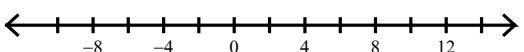
17) $|10p - 4| \geq -44$



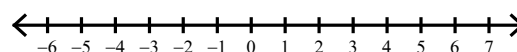
18) $|n + 8| < 9$



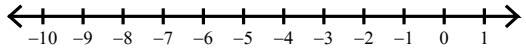
19) $|-2 + 8x| \geq 70$



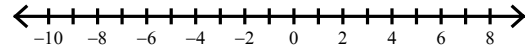
20) $|-6 + 8r| > 26$



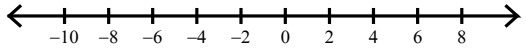
$$21) \quad |-m - 4| \leq 3$$



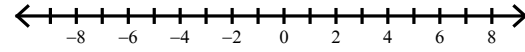
$$22) \quad |4 + 7x| > 31$$




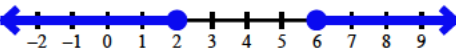
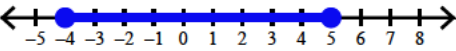
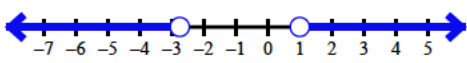
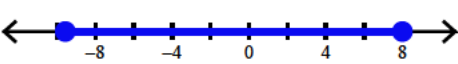
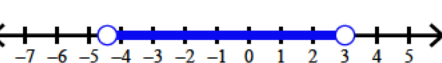
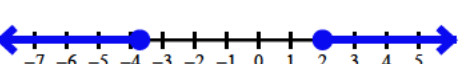
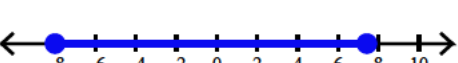
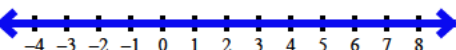
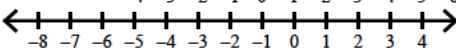
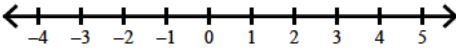
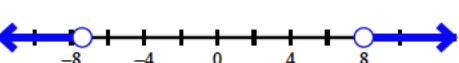
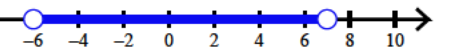
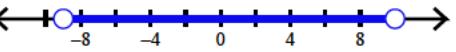
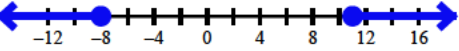
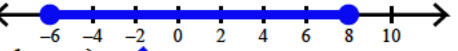
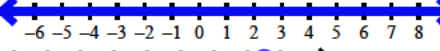
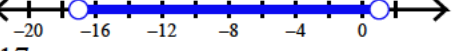
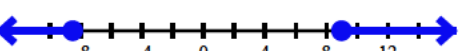
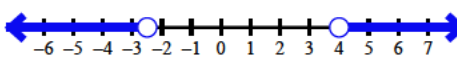
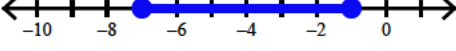
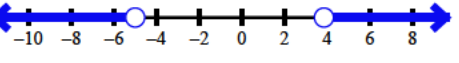
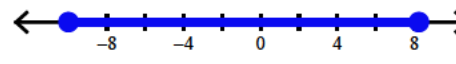
$$23) \quad |8v + 7| \leq 73$$



$$24) \quad |10b + 8| < 68$$



Answers to Assignment (ID: 10)

- 1) { All real numbers. } : 
- 2) $x \leq 2$ or $x \geq 6$: 
- 3) $-4 \leq m \leq 5$: 
- 4) $r > 1$ or $r < -\frac{11}{4}$: 
- 5) $-\frac{86}{9} \leq r \leq 8$: 
- 6) $-\frac{31}{7} < b < 3$: 
- 7) $a \geq 2$ or $a \leq -\frac{26}{7}$: 
- 8) $-8 \leq x \leq \frac{52}{7}$: 
- 9) { All real numbers. } : 
- 10) No solution. : 
- 11) No solution. : 
- 12) $n > 8$ or $n < -\frac{37}{5}$: 
- 13) $-6 < v < 7$: 
- 14) $-9 < x < 10$: 
- 15) $k \geq 11$ or $k \leq -8$: 
- 16) $-6 \leq n \leq 8$: 
- 17) { All real numbers. } : 
- 18) $-17 < n < 1$: 
- 19) $x \geq 9$ or $x \leq -\frac{17}{2}$: 
- 20) $r > 4$ or $r < -\frac{5}{2}$: 
- 21) $-7 \leq m \leq -1$: 
- 22) $x > \frac{27}{7}$ or $x < -5$: 
- 23) $-10 \leq v \leq \frac{33}{4}$: 
- 24) $-\frac{38}{5} < b < 6$: 