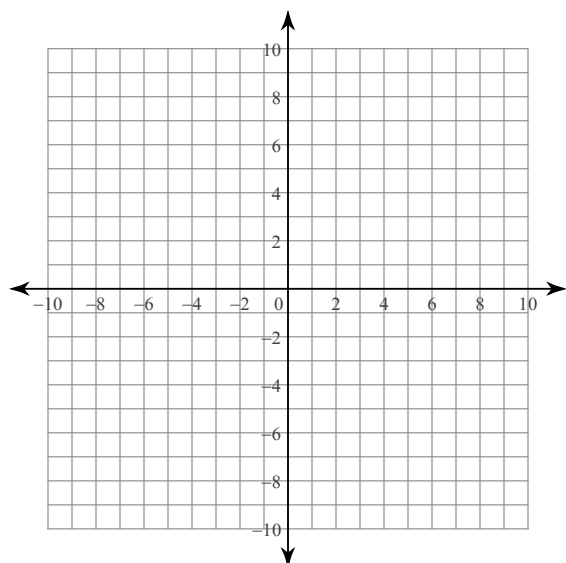


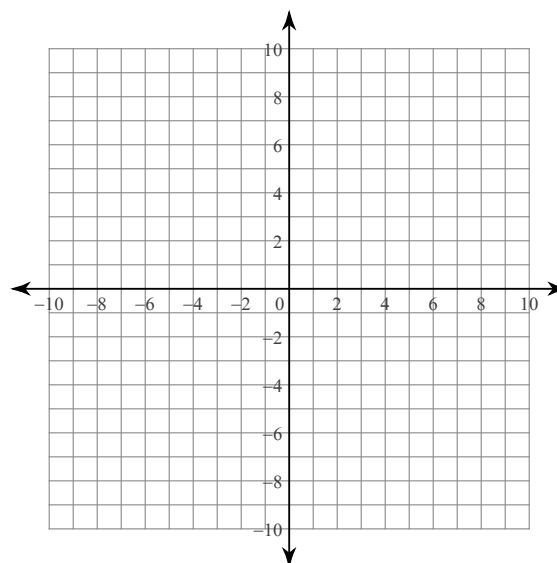
Assignment

Sketch the solution to each system of inequalities.

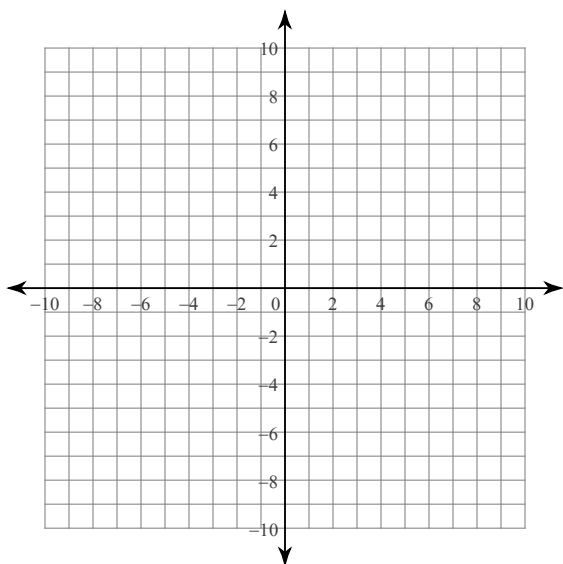
1) $3x + 7y < 35$
 $12x + 7y > -28$



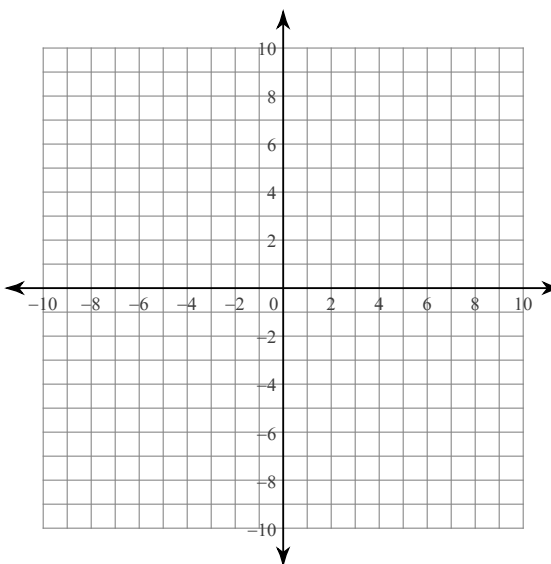
2) $x - y \geq -4$
 $7x + 3y > -18$



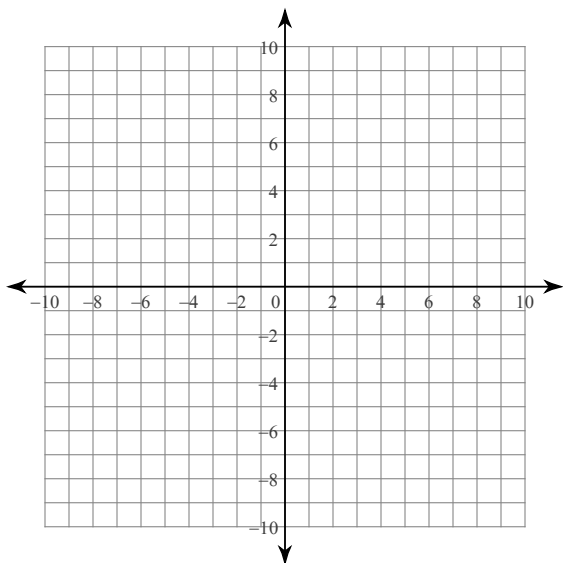
3) $7x + 2y \leq 8$
 $7x + 2y \geq -2$



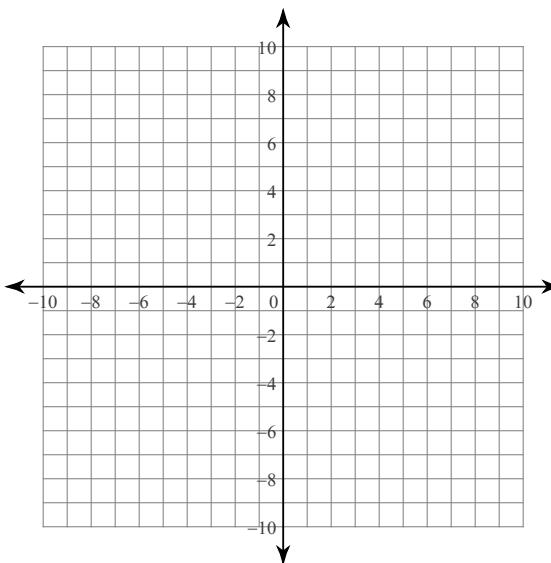
4) $14x - 3y \leq -24$
 $14x - 3y \geq 3$



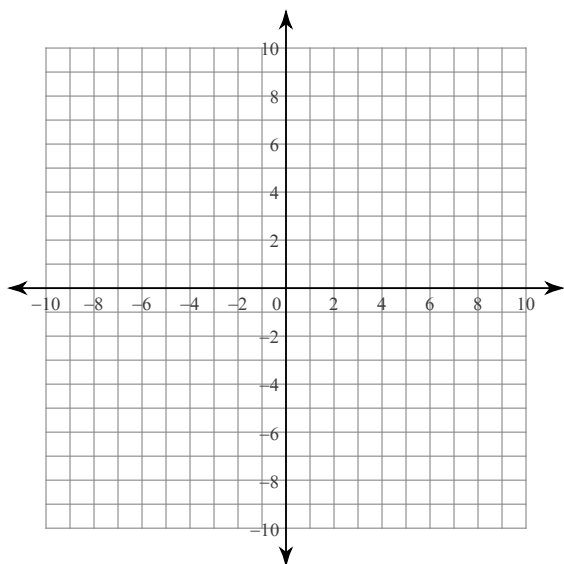
5) $x - 2y > -6$
 $x \geq 2$



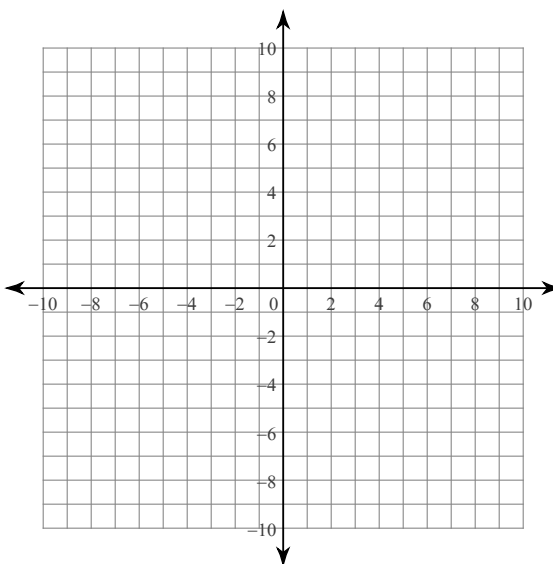
6) $x - 2y \geq -8$
 $11x - 6y < 24$



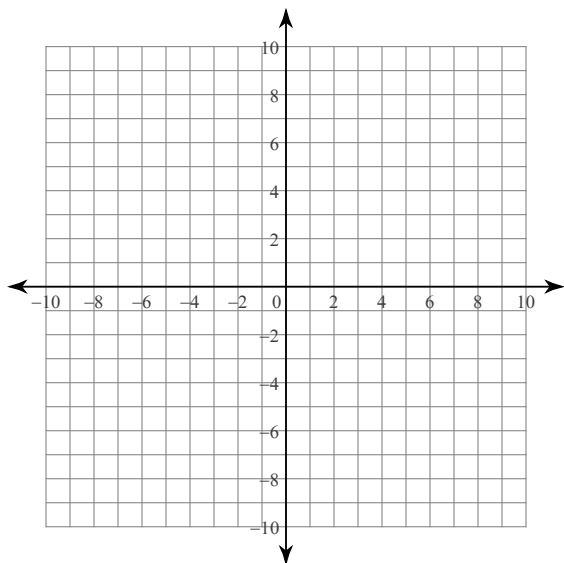
7) $x + y < -6$
 $13x + y \leq 6$



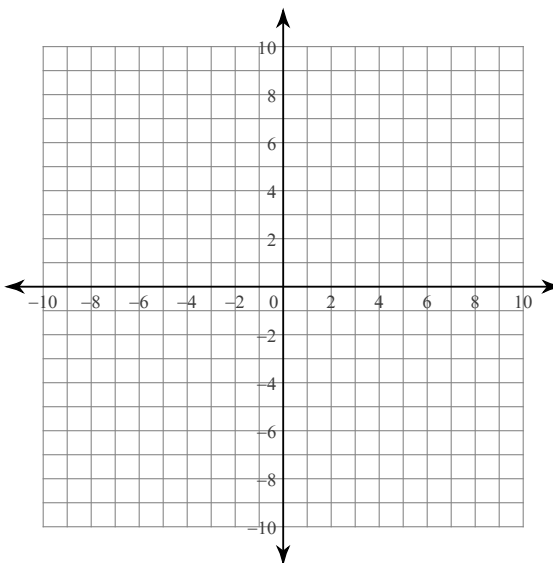
8) $x - 6y \geq -12$
 $3x - 2y \leq 12$



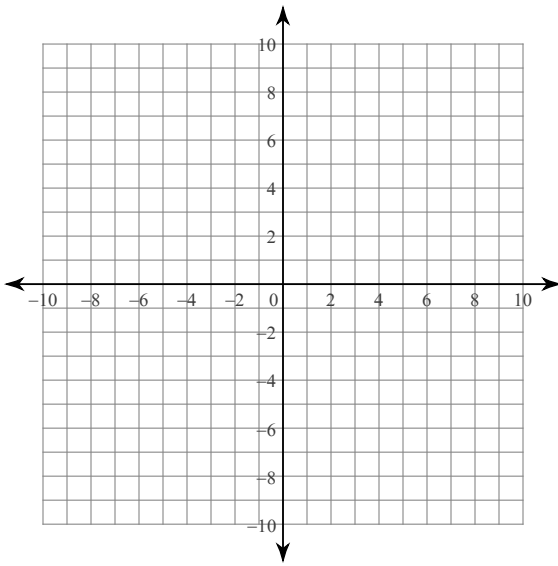
9) $x + 6y \leq -12$
 $3x + 2y \leq 12$



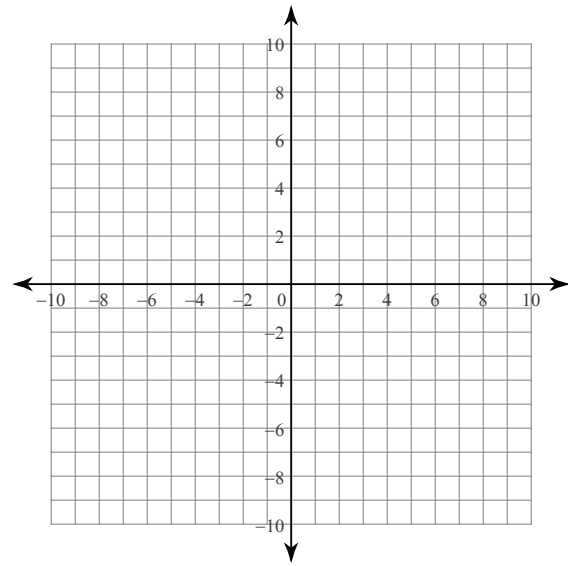
10) $4x + y > 1$
 $x + 2y \leq -12$



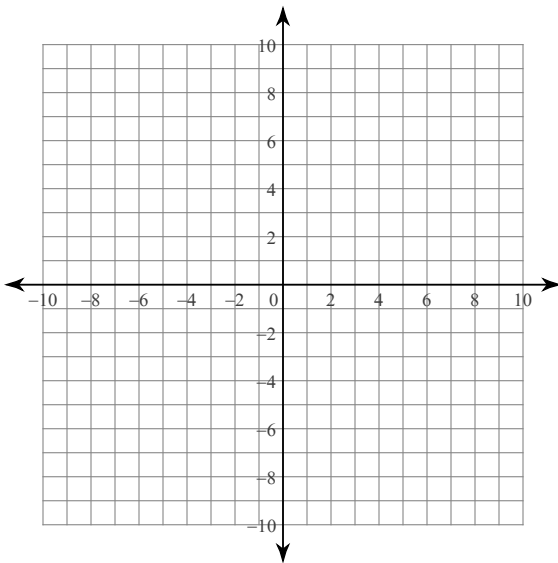
11) $5x + 7y \geq 7$
 $x - 7y \geq -49$



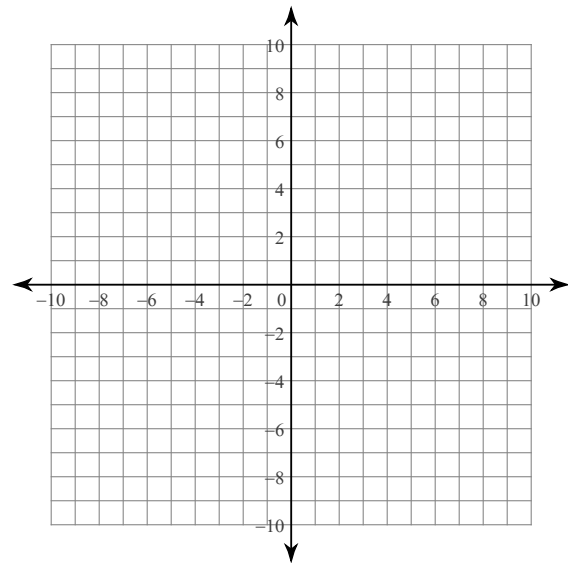
12) $8x - 7y \geq -28$
 $8x - 7y > -35$



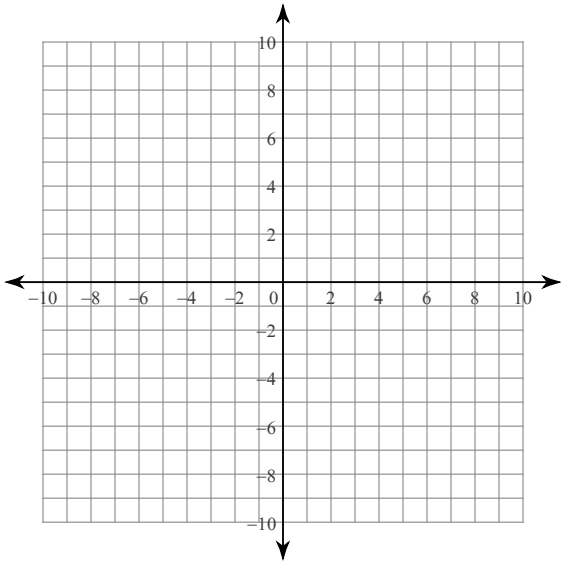
13) $x + y \leq -4$
 $x + y > 4$



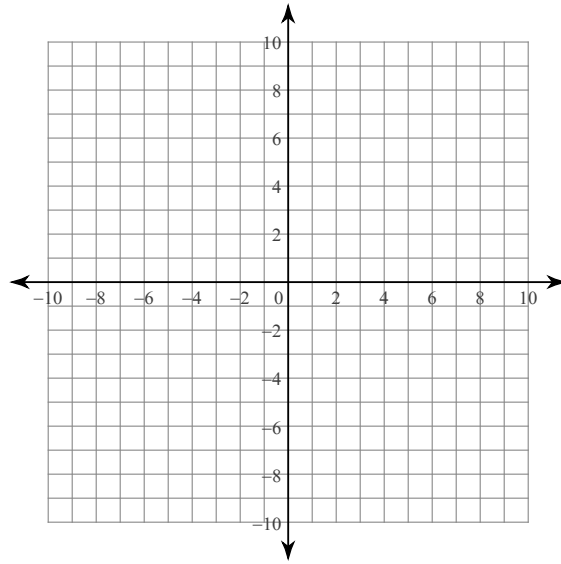
14) $7x - 2y > 10$
 $5x + 2y \leq 14$



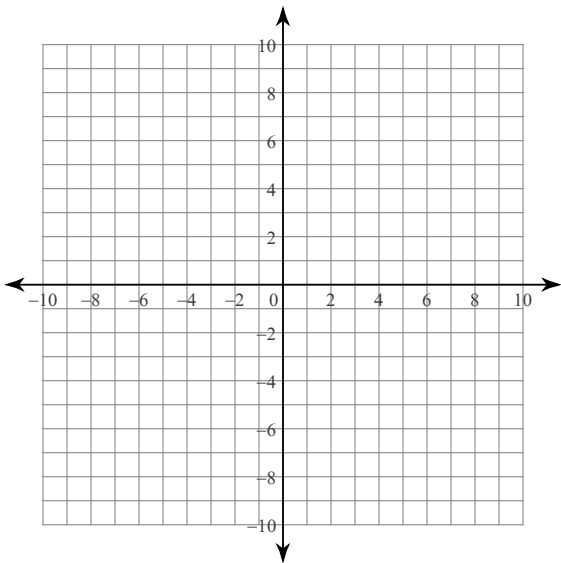
15) $11x - 3y \leq -12$
 $x + 3y > -24$



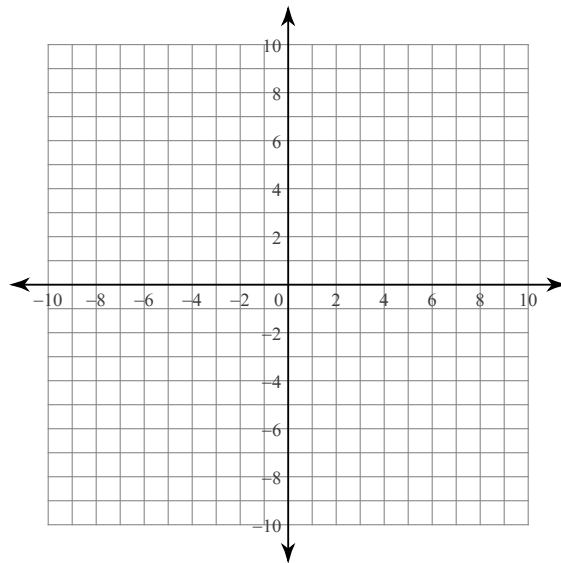
16) $x + y > -7$
 $10x + y \leq 2$



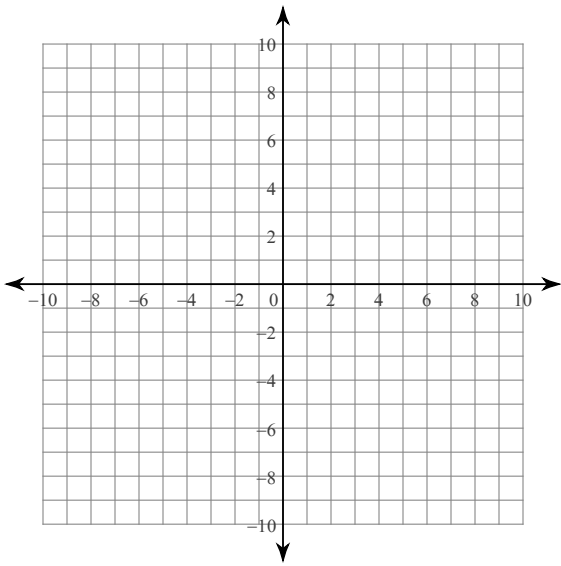
17) $5x + 3y < 15$
 $x - 3y \geq 21$



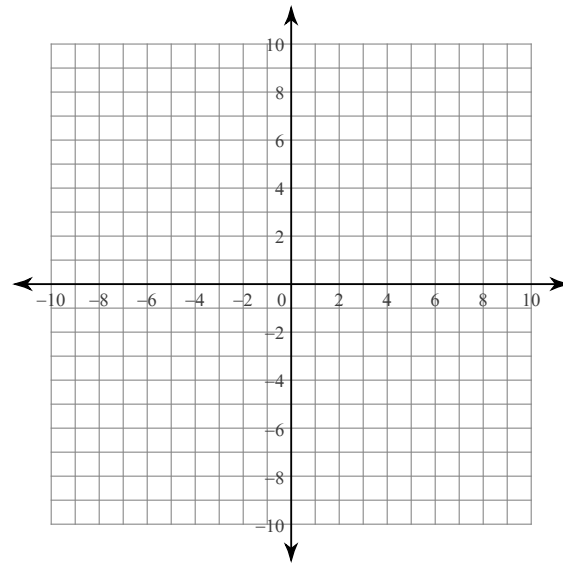
18) $6x - y > 8$
 $x - y \geq 3$



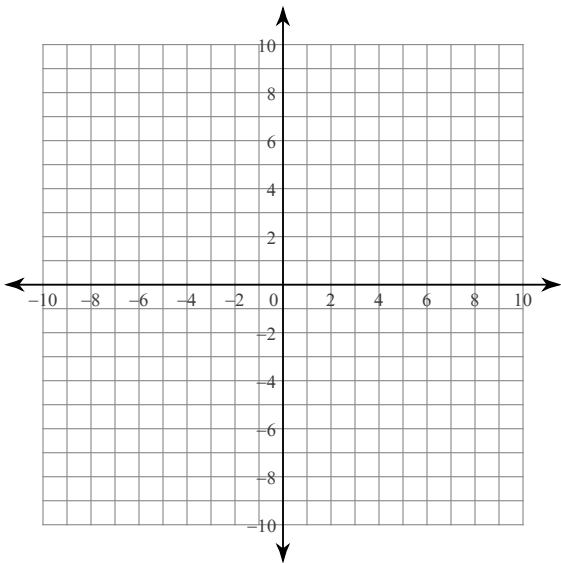
19) $2x - 3y > -24$
 $3x + y \geq -3$



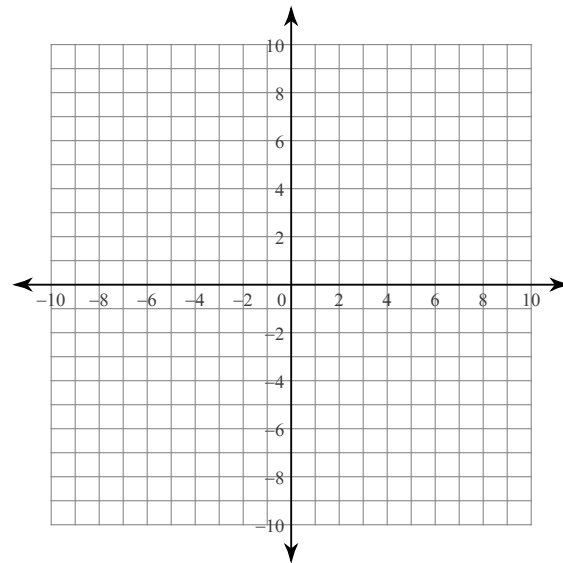
20) $y < 2$
 $2x - 3y < 6$



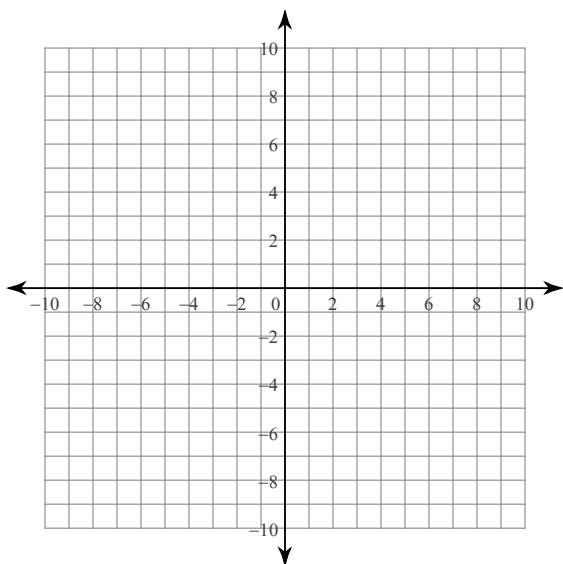
21) $x - 7y > -42$
 $12x + 7y < -49$



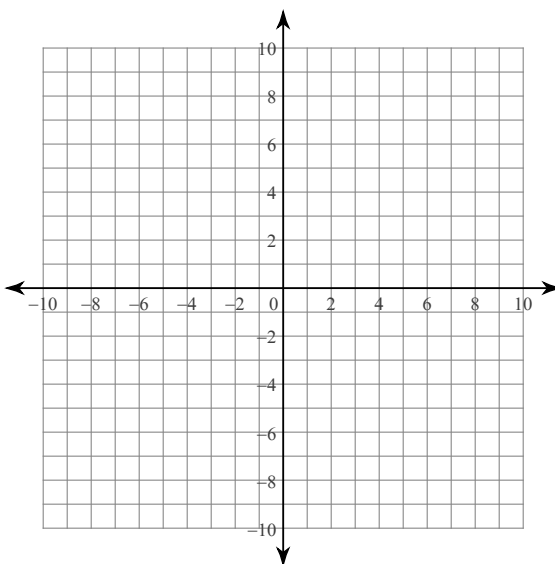
22) $x - y > -1$
 $x - y \leq 5$



23) $2x - 7y < 21$
 $2x - 7y \geq 49$

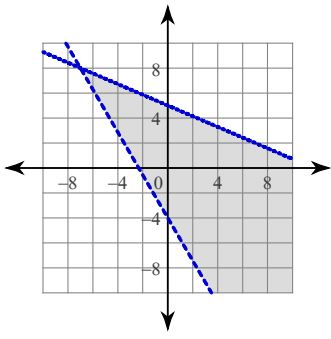


24) $4x - 5y \leq -20$
 $13x - 5y > 25$

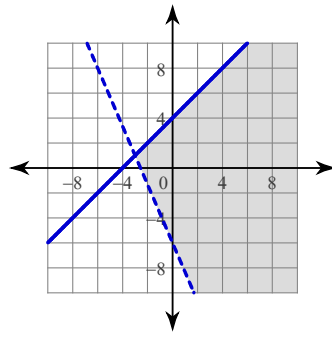


Answers to Assignment (ID: 1)

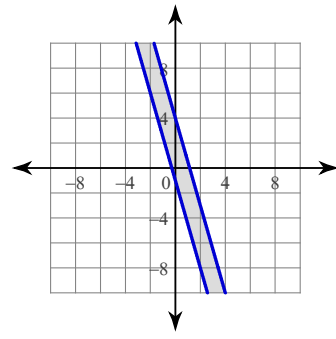
1)



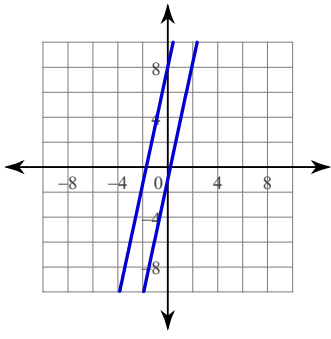
2)



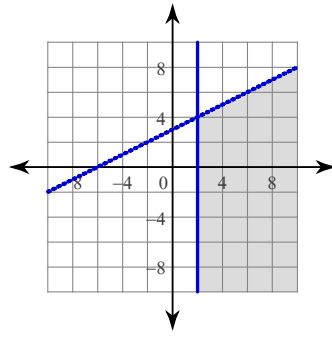
3)



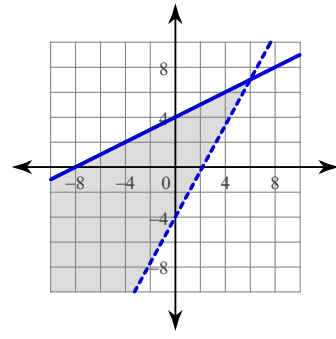
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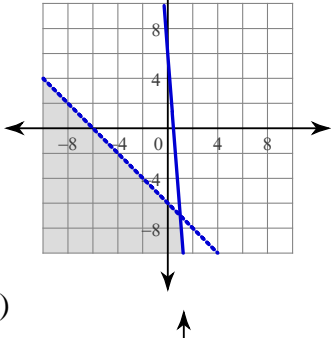
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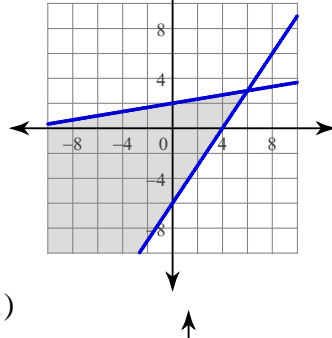
6)



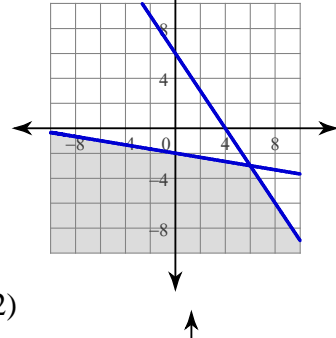
7)



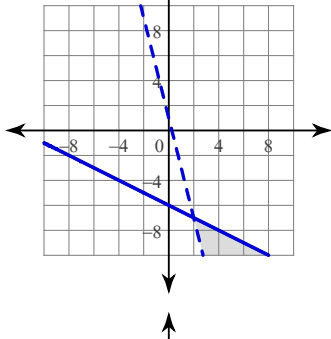
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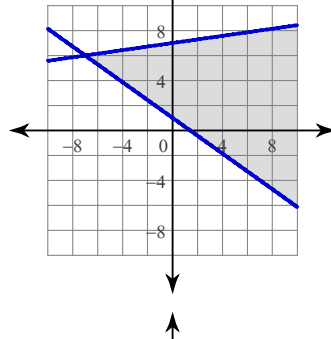
9)



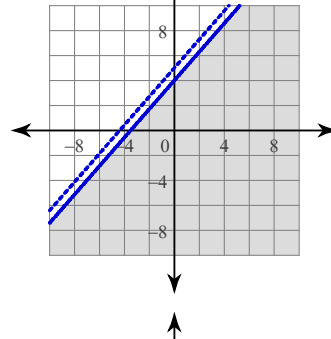
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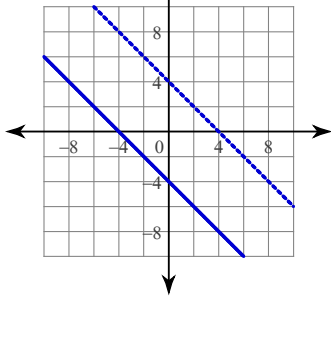
11)



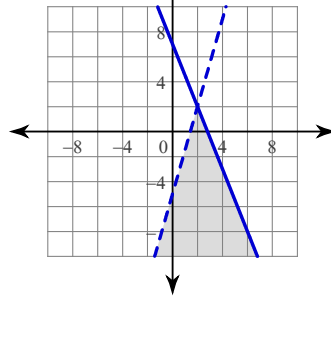
12)



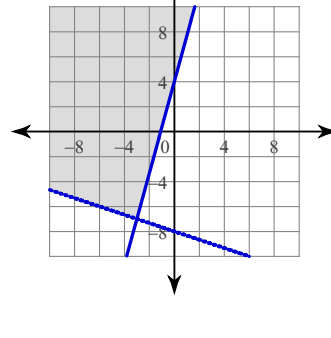
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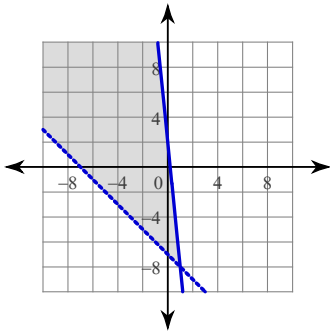
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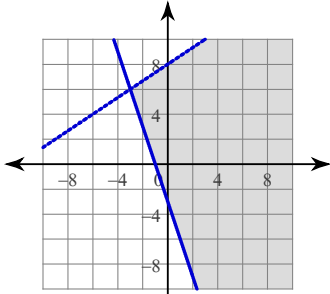
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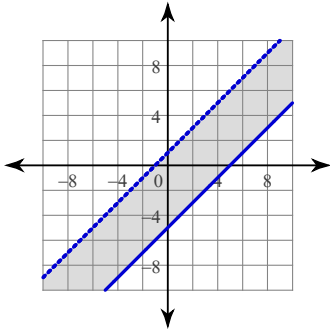
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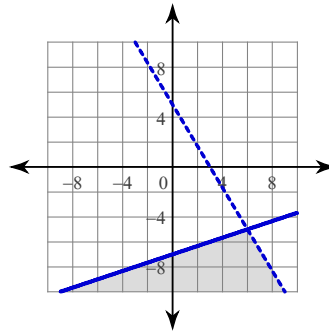
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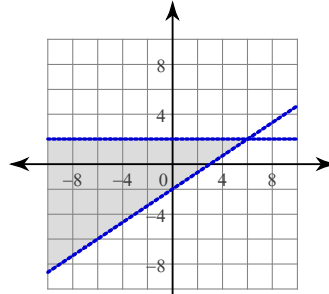
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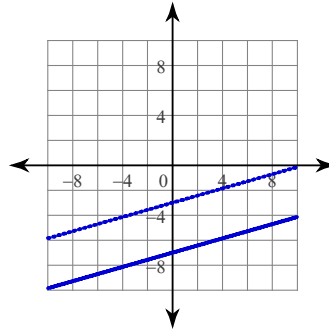
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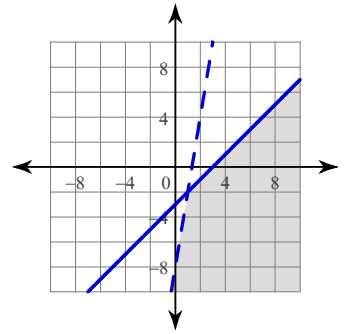
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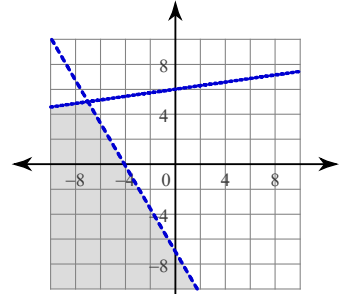
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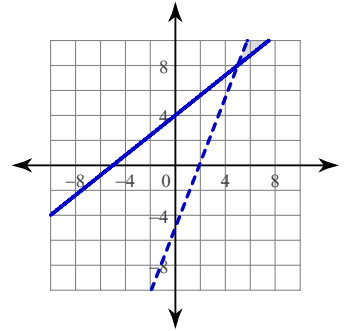
18)



21)



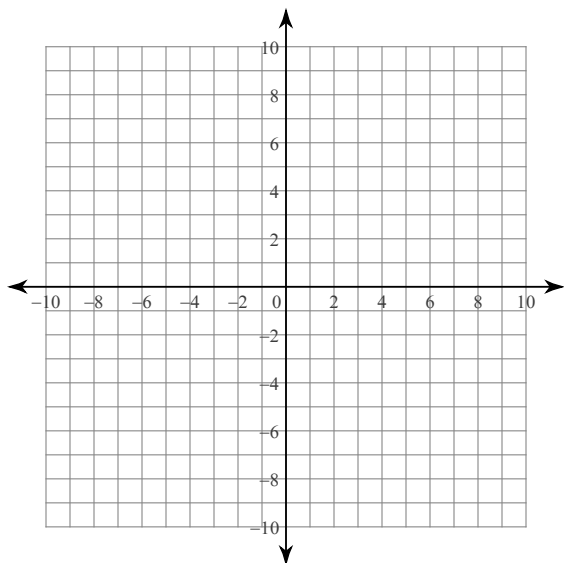
24)



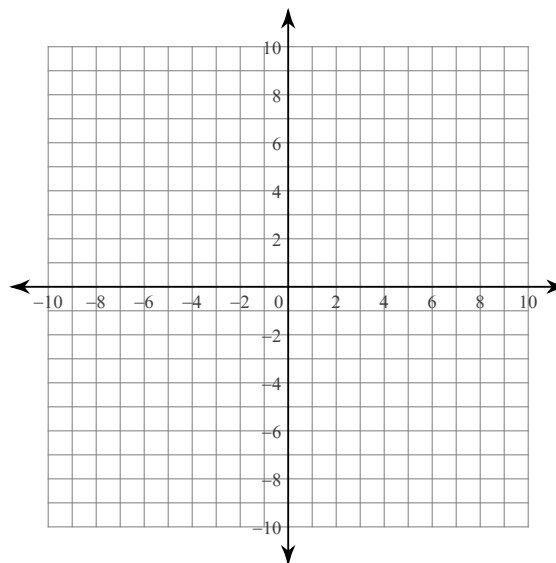
Assignment

Sketch the solution to each system of inequalities.

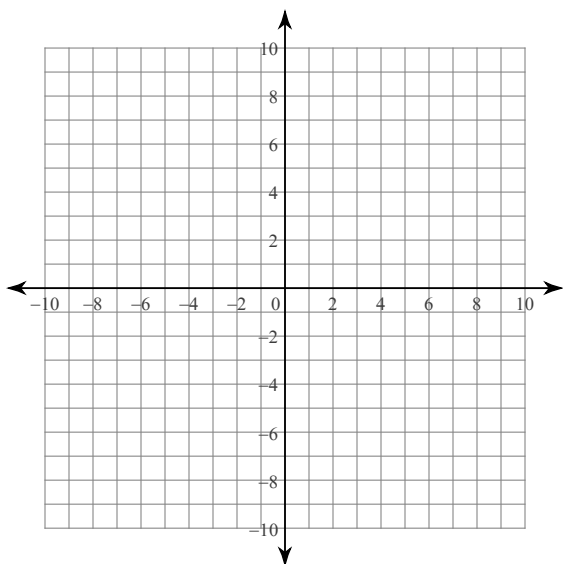
1) $10x - y \leq 2$
 $y < 8$



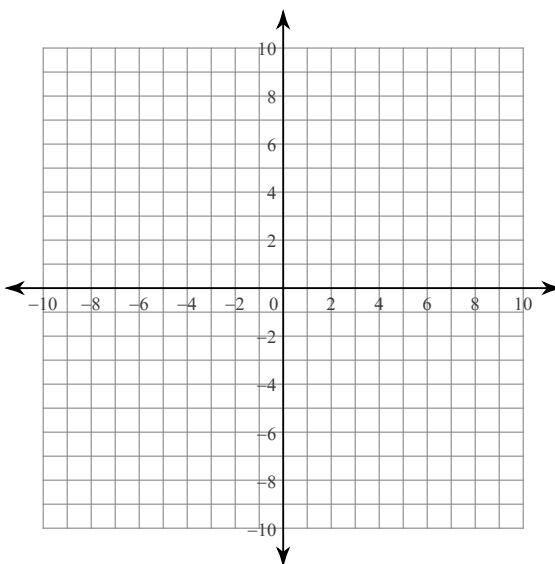
2) $x - 7y \geq -14$
 $x - 7y > 14$



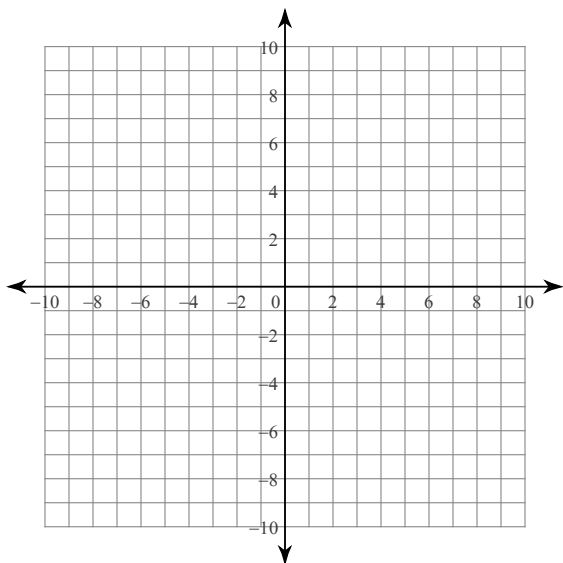
3) $x - 3y < -15$
 $4x - 3y > -24$



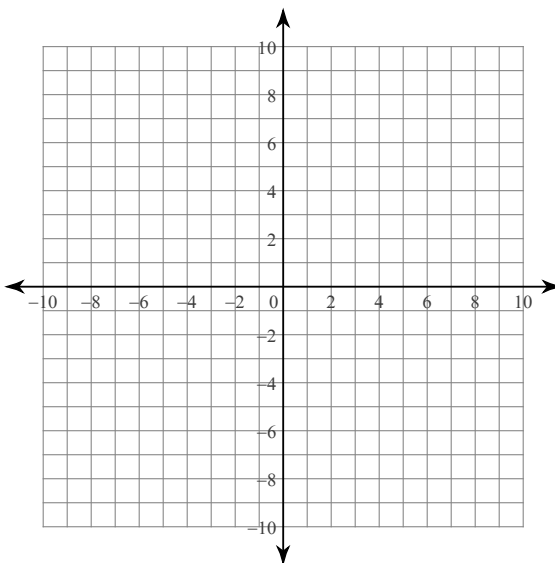
4) $2x + 3y \leq -24$
 $4x - 3y < 6$



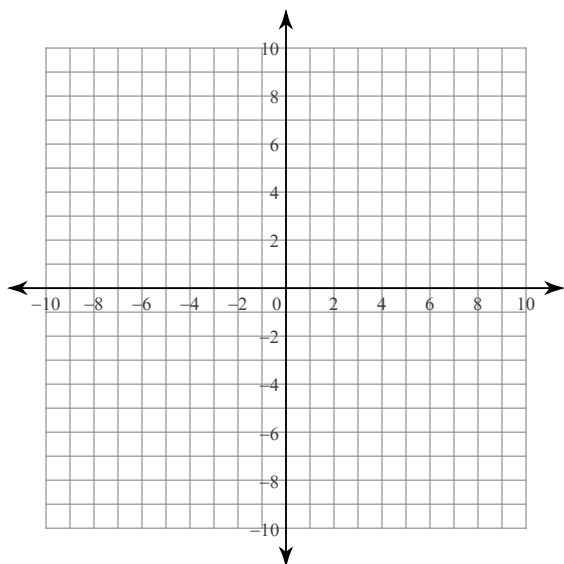
5) $3x - y > 6$
 $4x + y < 1$



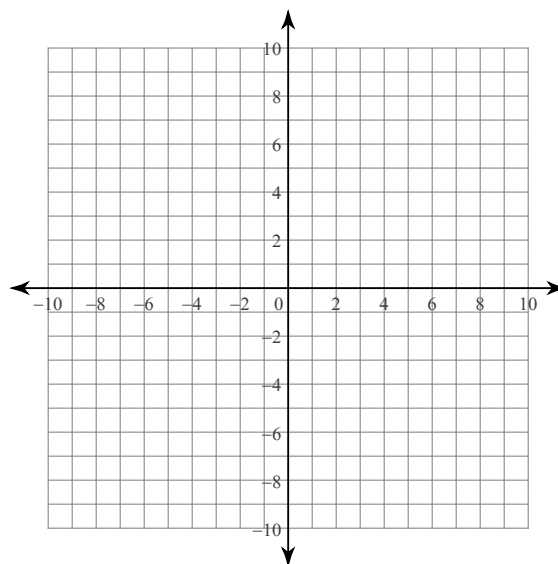
6) $x - y > -3$
 $5x - y \geq 1$



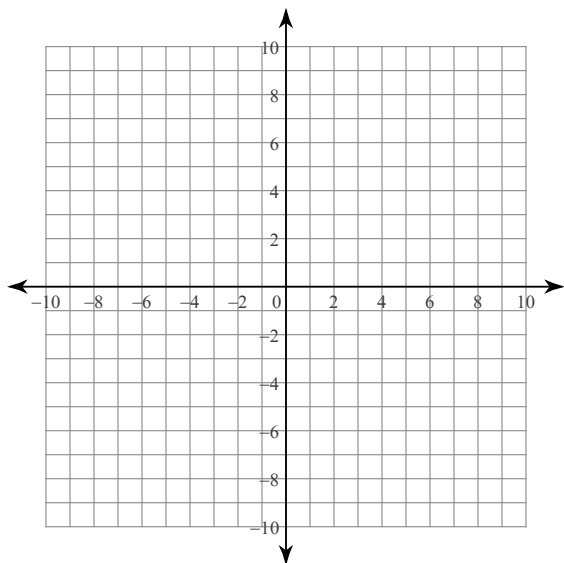
7) $9x - 5y > 10$
 $x - 5y \geq -30$



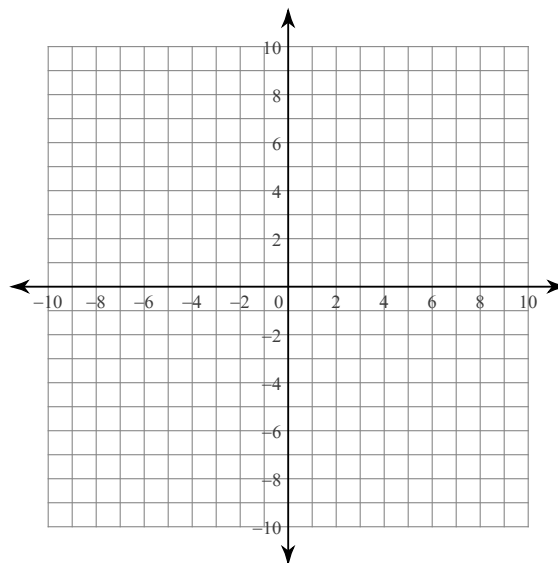
8) $x - 7y \geq 42$
 $13x - 7y \geq -42$



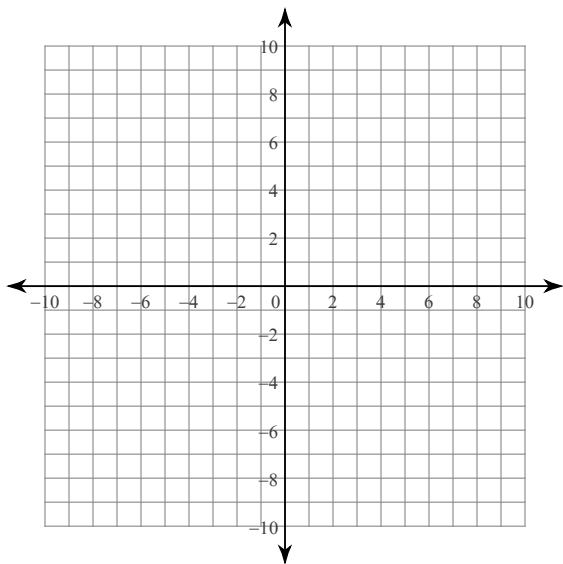
9) $13x + 5y \leq -35$
 $3x + 5y \geq 15$



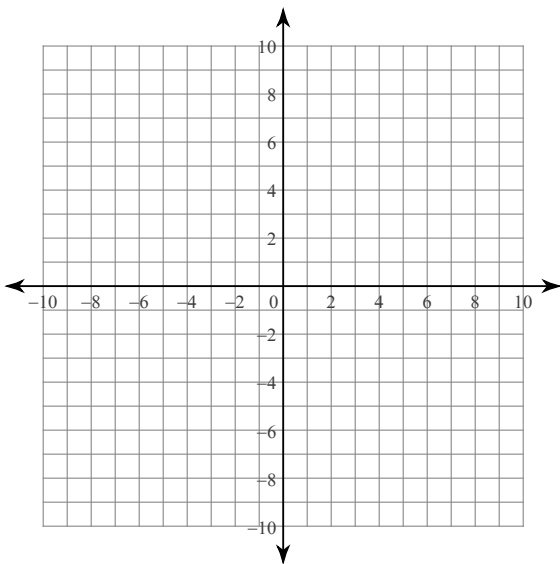
10) $8x + 3y \geq -15$
 $2x + 3y \geq 3$



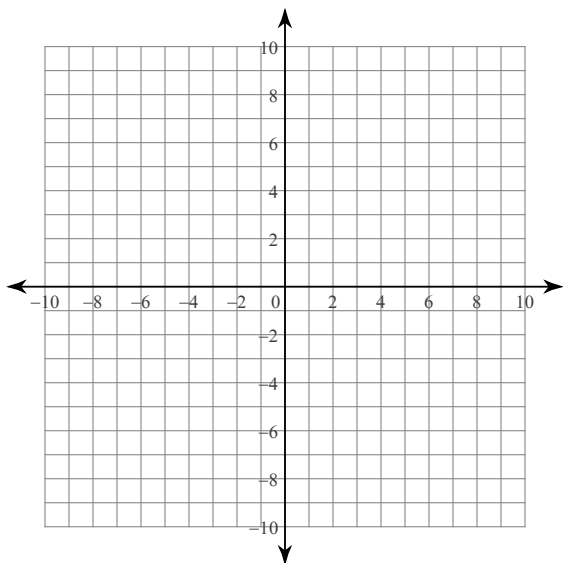
11) $x - 3y < 9$
 $x - 3y > -18$



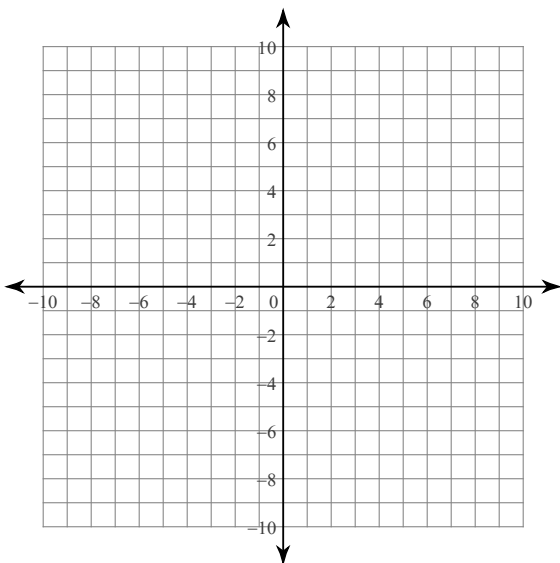
12) $x + y \geq -3$
 $10x + y \geq 6$



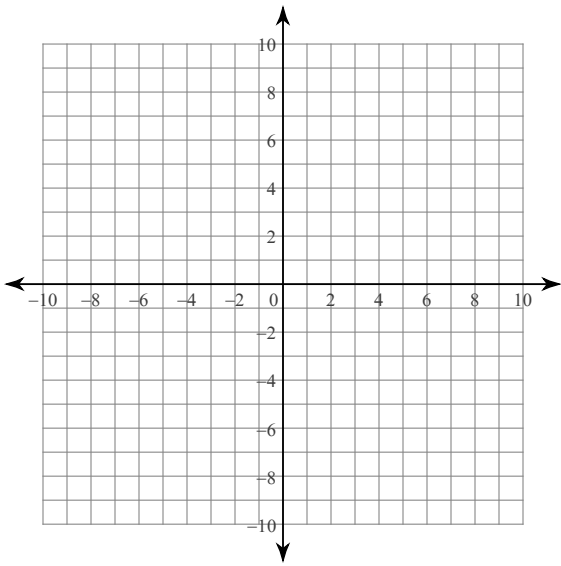
13) $7x - y > 8$
 $x - 2y \leq -10$



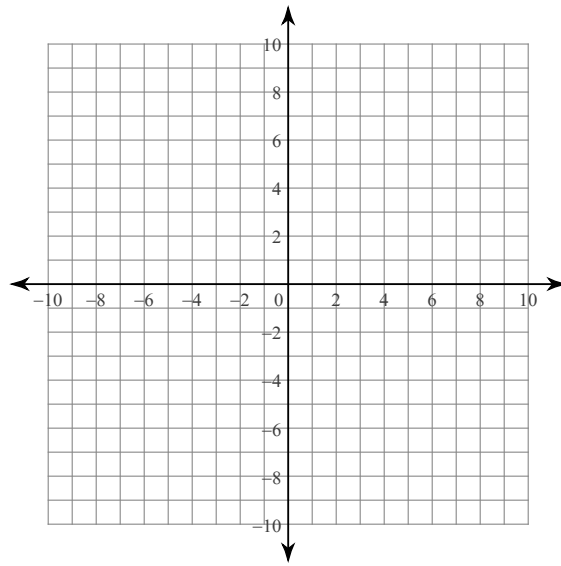
14) $9x + 4y \leq 8$
 $x + 4y < -24$



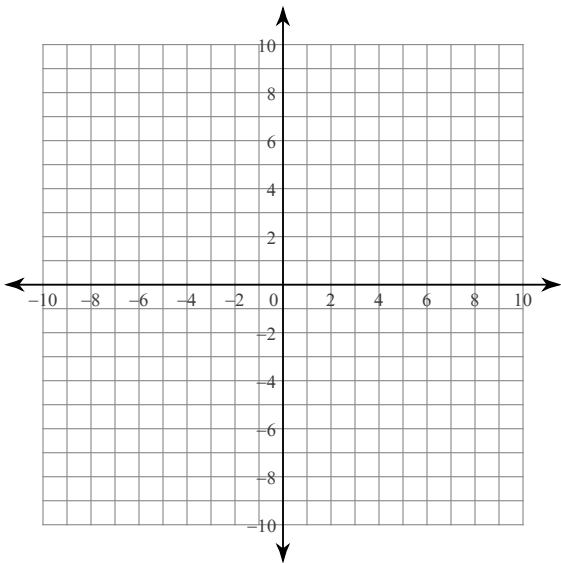
15) $2x - 3y < 15$
 $13x - 3y < -18$



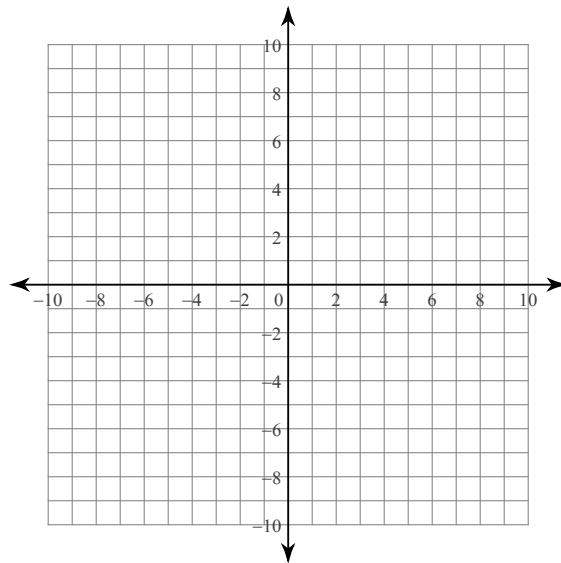
16) $5x + 6y < 24$
 $2x - 3y < 15$



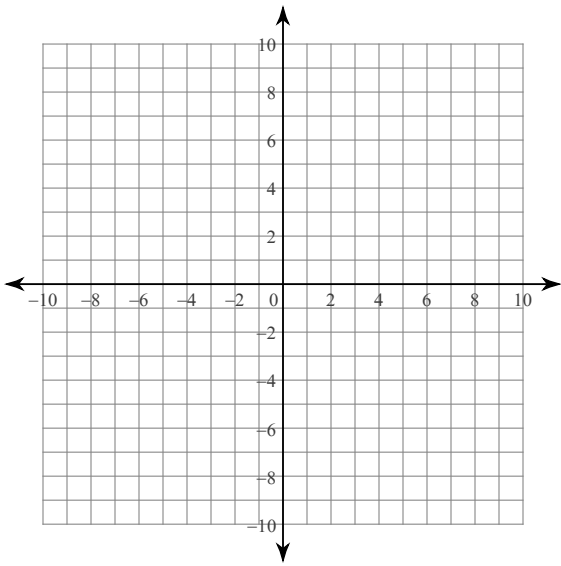
17) $13x - 6y < 42$
 $x - 2y > -6$



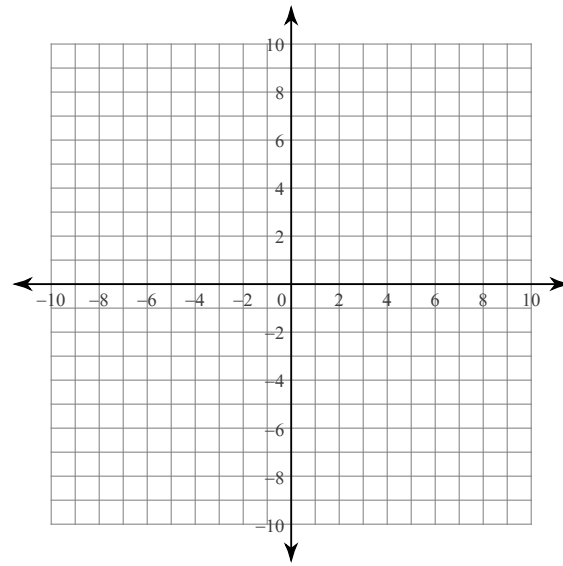
18) $x - y < 1$
 $y \geq -8$



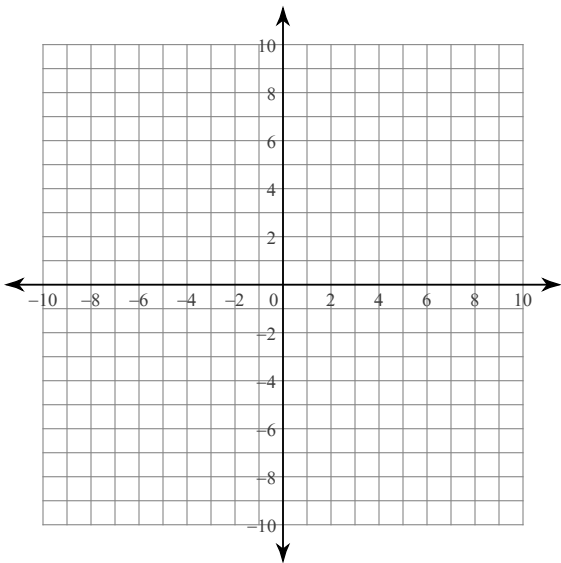
19) $7x - y \geq 5$
 $x - y < -1$



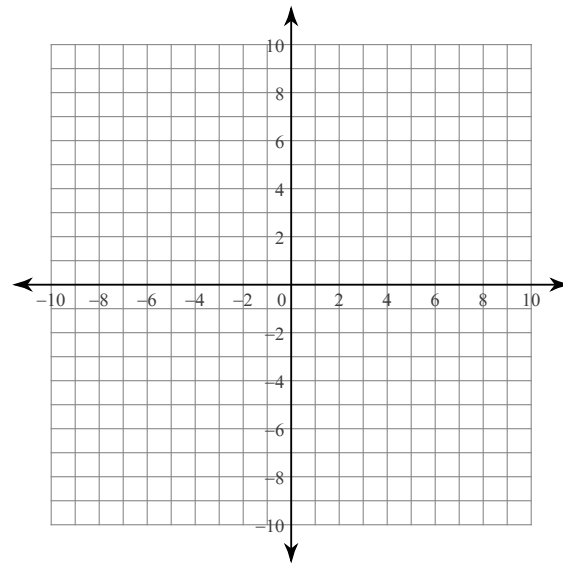
20) $x - 5y > 30$
 $2x + y \leq 5$



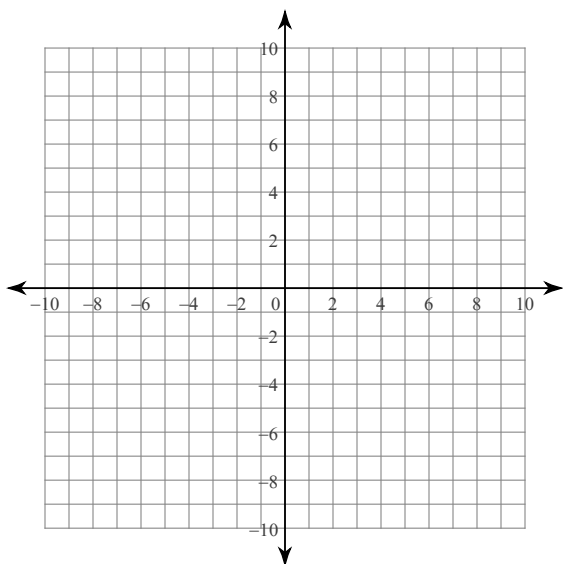
21) $3x + y < -7$
 $3x + y \leq -6$



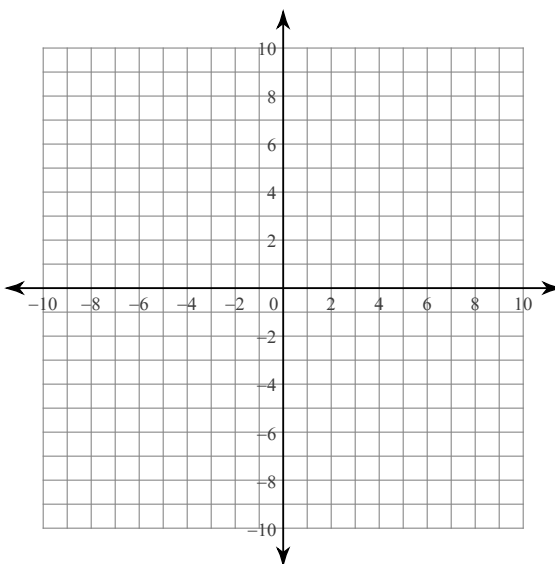
22) $9x - 7y < -49$
 $9x - 7y > 42$



23) $16x + 3y \geq -24$
 $x + 3y \leq 21$

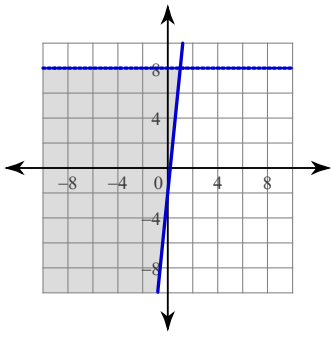


24) $x - 7y \leq -42$
 $12x + 7y \leq -49$

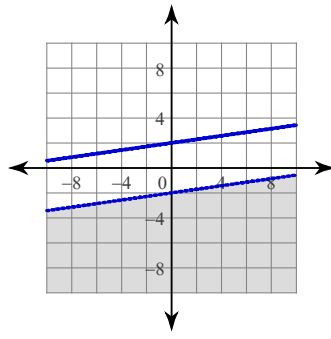


Answers to Assignment (ID: 2)

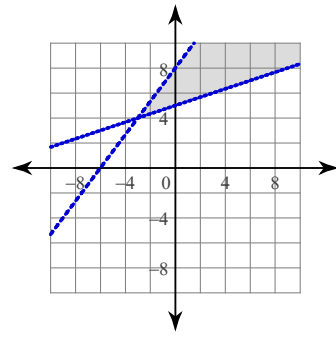
1)



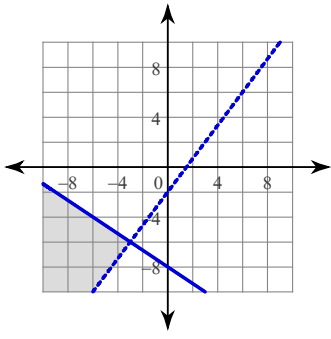
2)



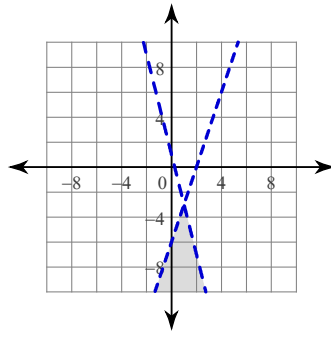
3)



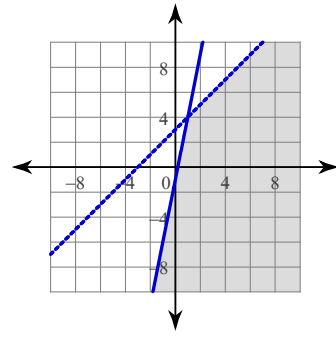
4)



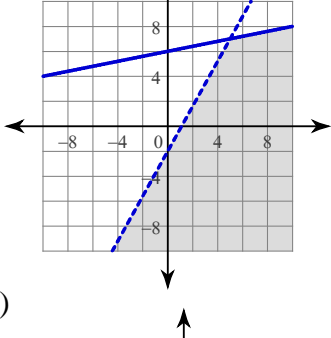
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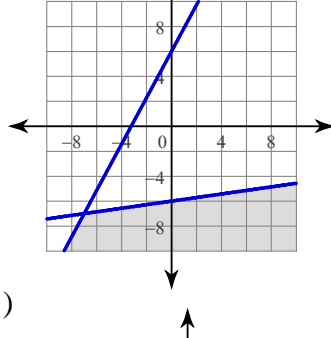
6)



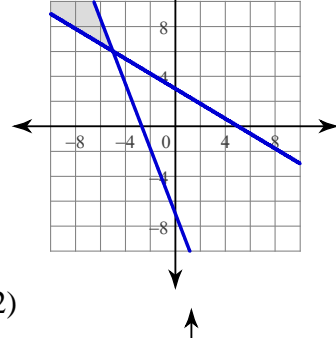
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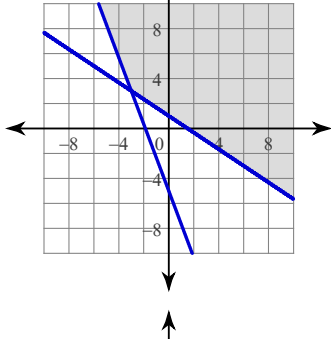
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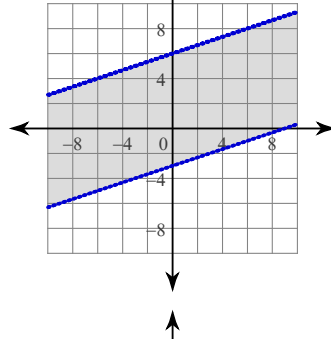
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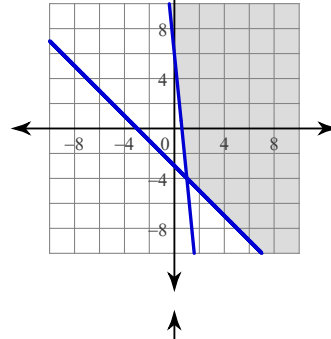
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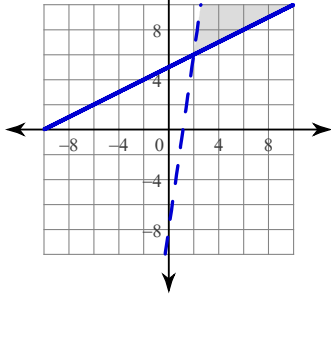
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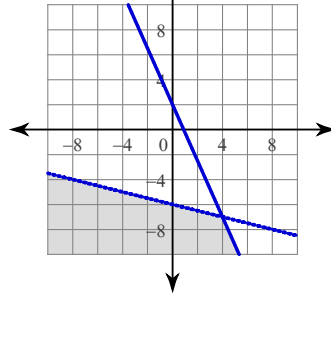
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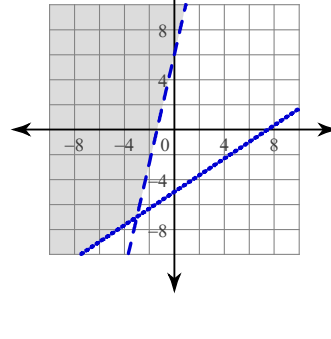
13)



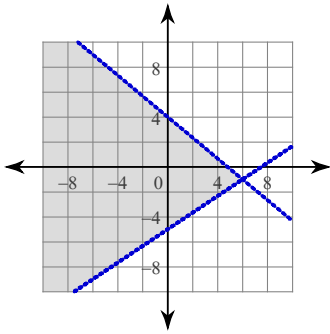
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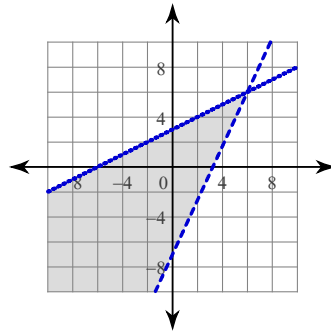
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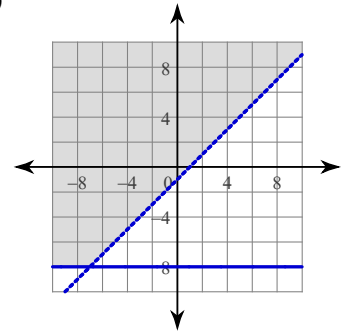
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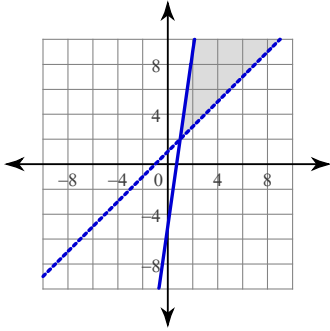
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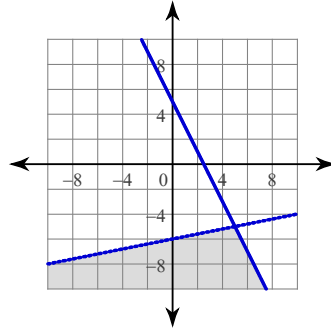
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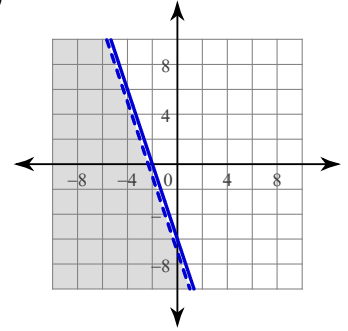
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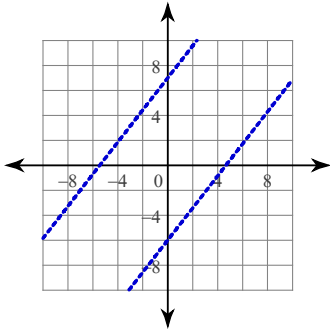
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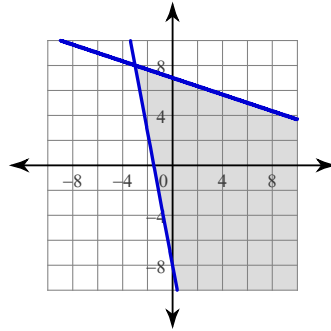
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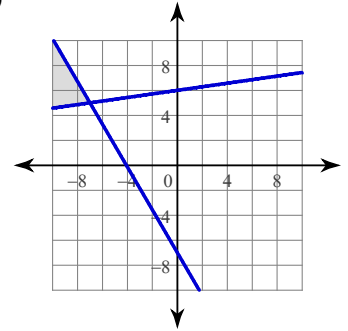
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23)



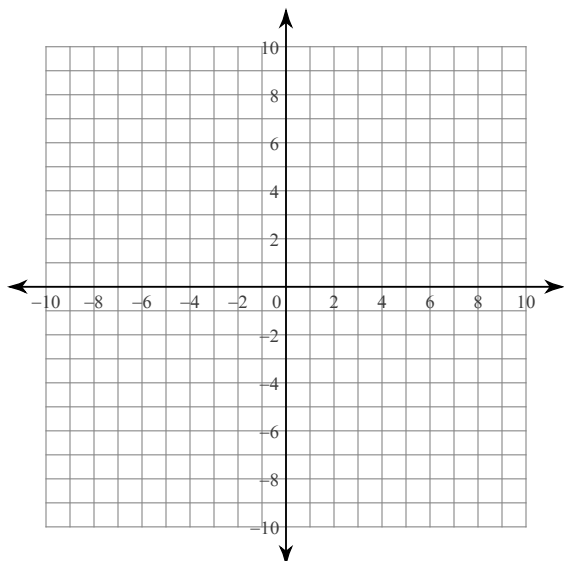
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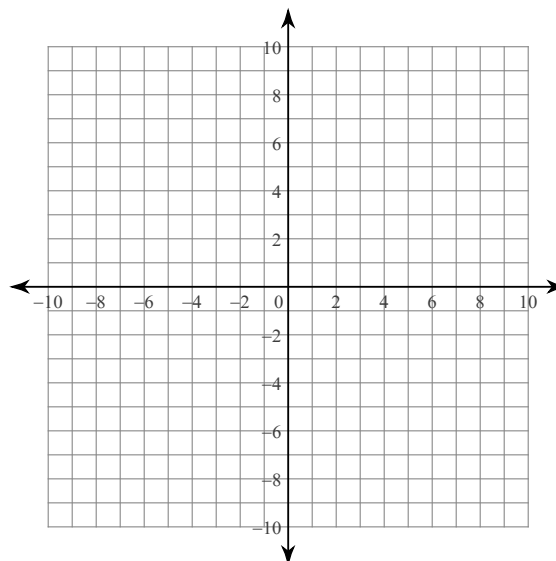
Assignment

Sketch the solution to each system of inequalities.

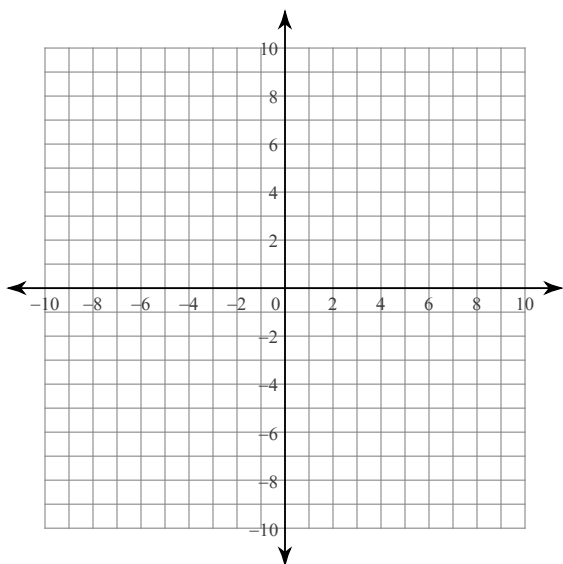
1) $2x + y \leq 3$
 $4x - y > 3$



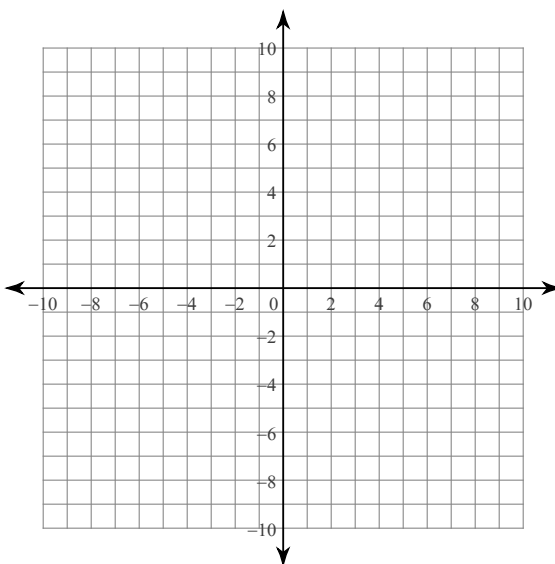
2) $2x - y \geq 8$
 $2x + 3y \geq 24$



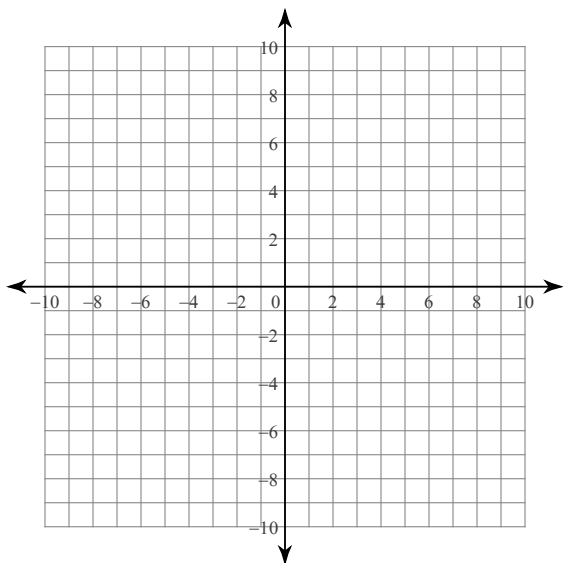
3) $x < -3$
 $x + 3y \leq -9$



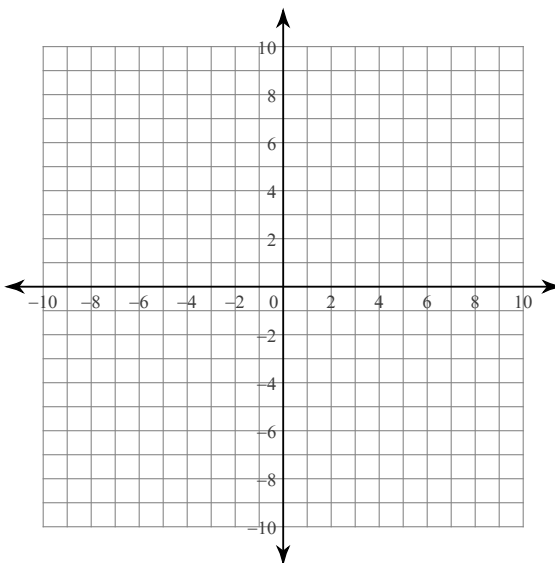
4) $y < 8$
 $13x - y < 5$



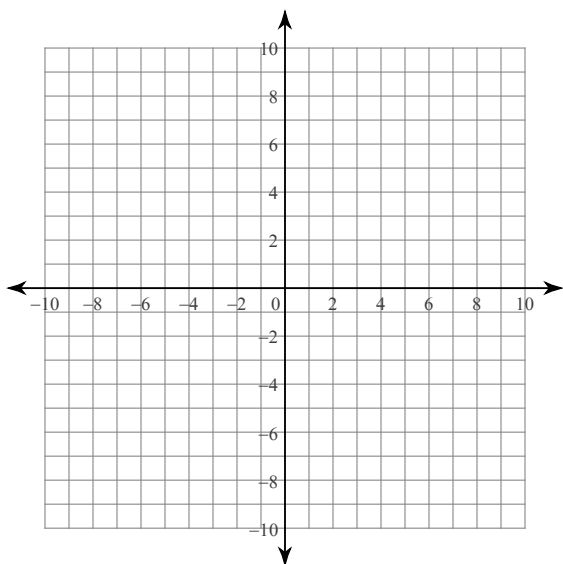
5) $2x - y > 8$
 $y < -6$



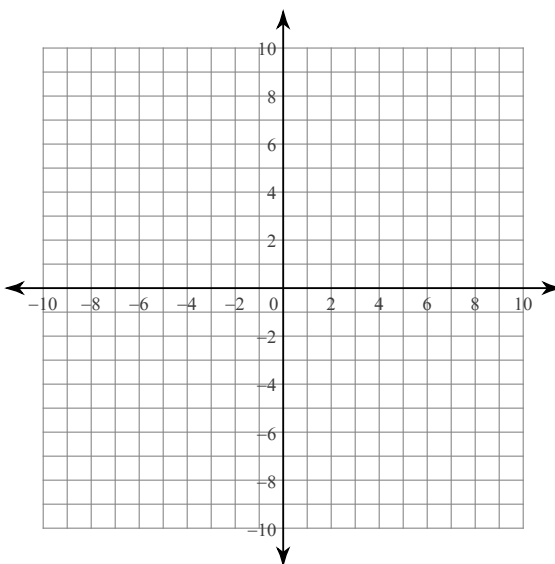
6) $11x + y > -6$
 $2x - y < -7$



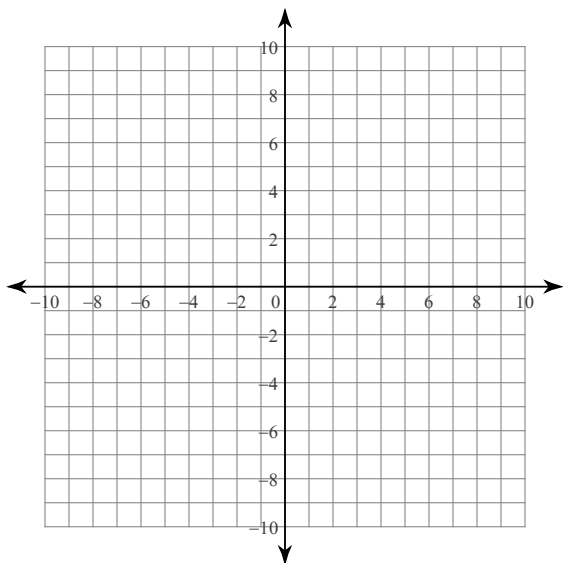
7) $x - y \geq -4$
 $2x - 7y > 7$



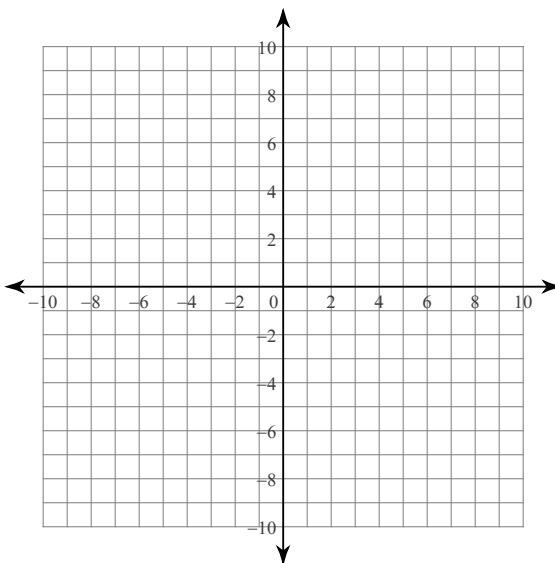
8) $3x + y \leq -2$
 $x + 3y < 18$



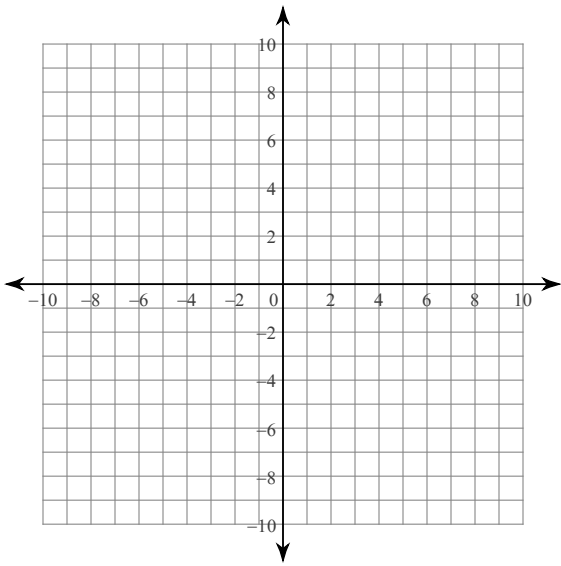
9) $4x + 5y < -10$
 $14x + 5y \leq 40$



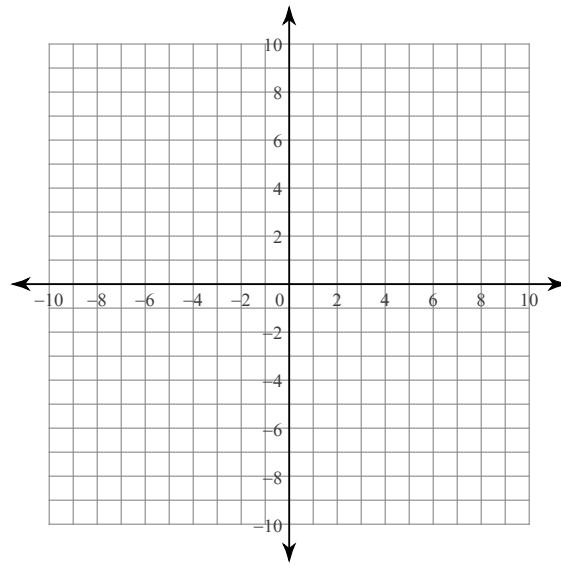
10) $x + 7y < 21$
 $3x - 7y \leq -49$



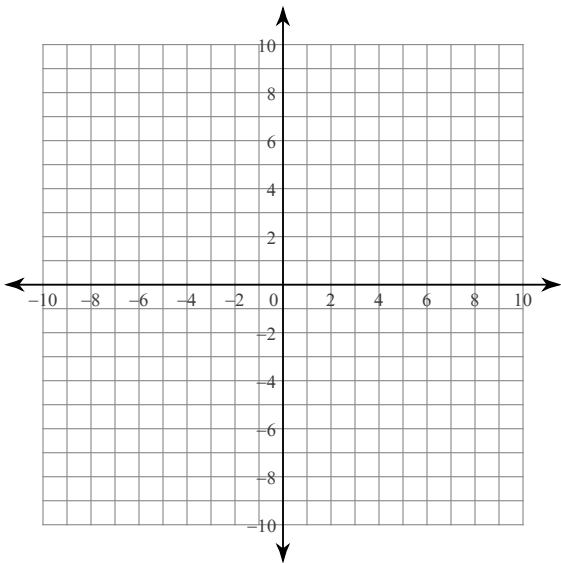
11) $5x - 8y \geq -48$
 $3x + 4y > -20$



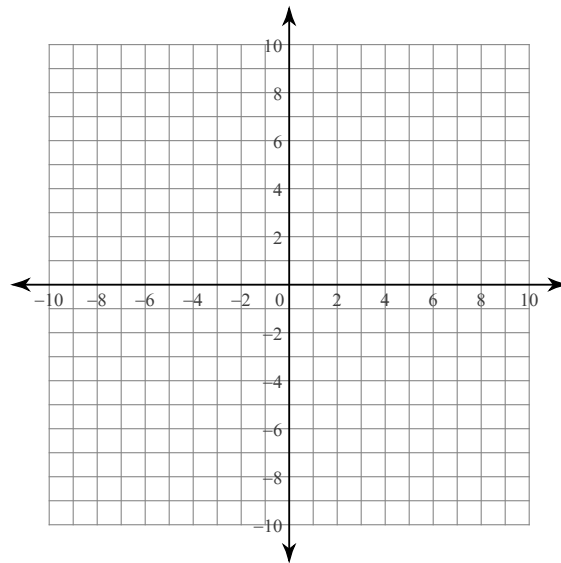
12) $y > 3$
 $2x - 3y \leq -15$



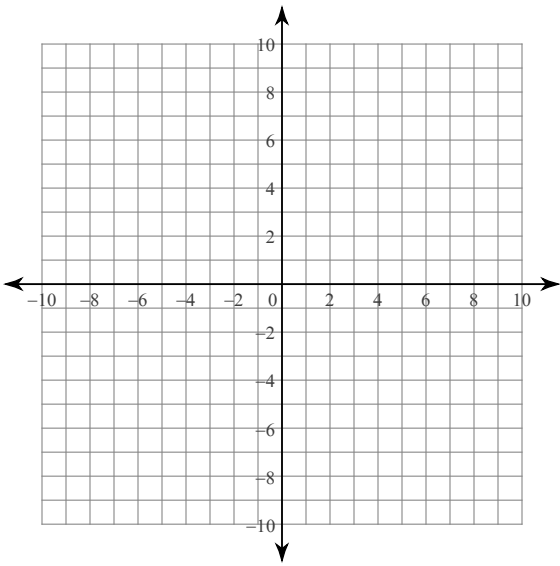
13) $x - 8y > 48$
 $5x - 4y > -12$



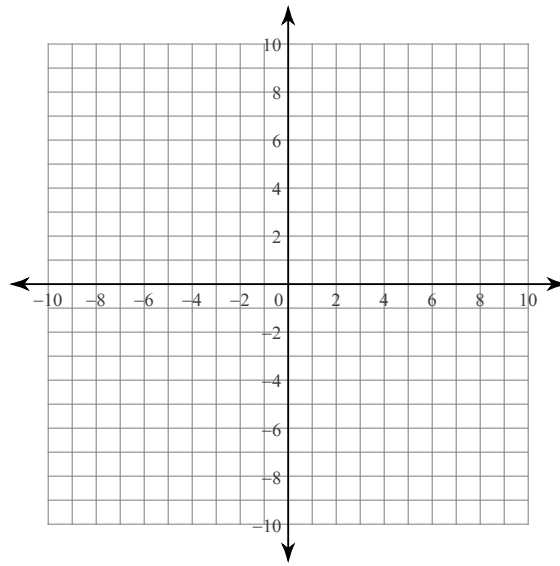
14) $x - y > 5$
 $5x + y > 1$



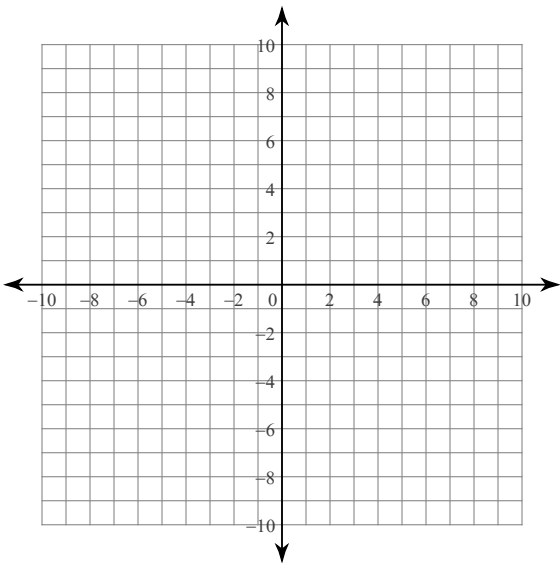
15) $14x - y \leq 8$
 $x - y > -5$



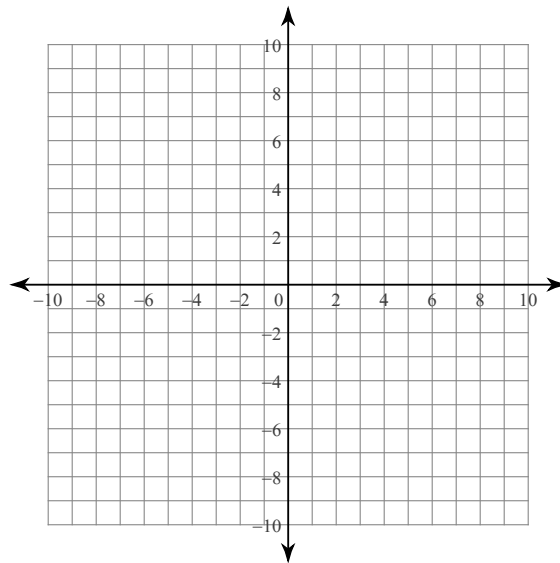
16) $x - 3y \geq 9$
 $10x - 3y < -18$



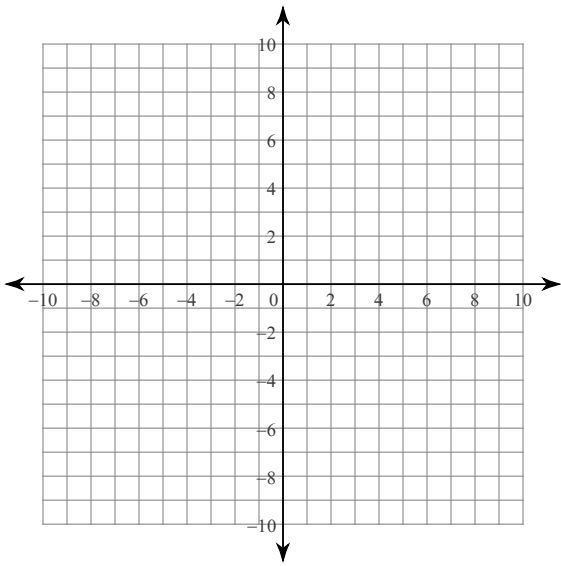
17) $12x + 5y > 20$
 $3x + 5y < -25$



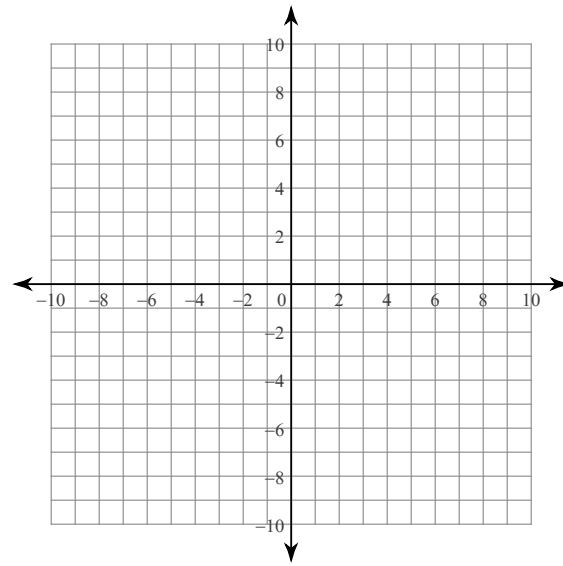
18) $x + y \geq 4$
 $4x - 5y \leq 25$



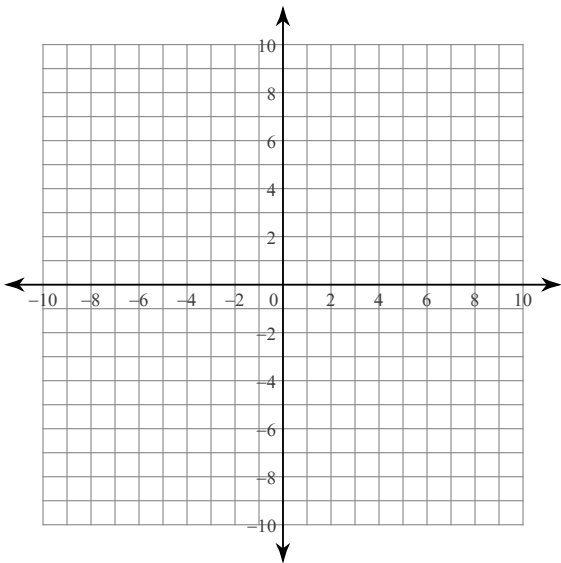
19) $3x + 7y < -7$
 $3x + 7y \leq -35$



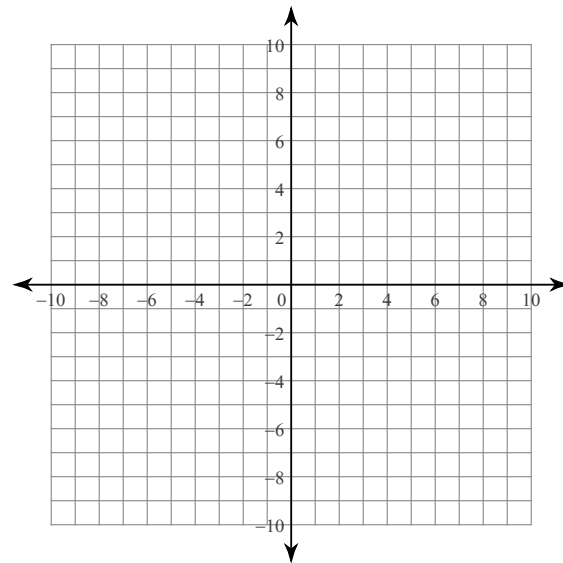
20) $x - 5y > -25$
 $11x - 5y \leq 25$



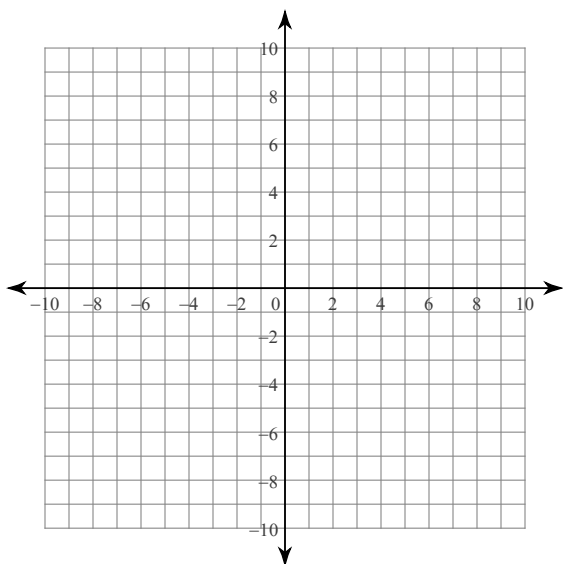
21) $x - y \leq 1$
 $2x - 7y < 42$



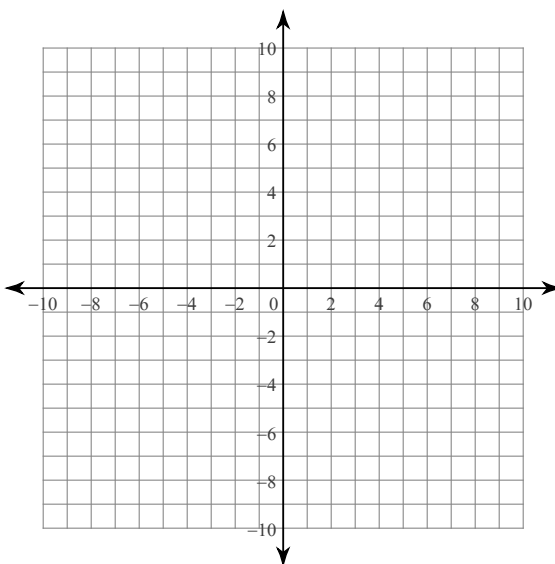
22) $7x - 3y < -6$
 $x + y \leq -8$



23) $10x + 3y \geq -24$
 $x - y \leq -5$

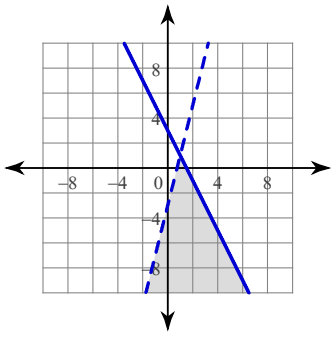


24) $9x - 8y \geq -56$
 $x + 2y \geq -12$

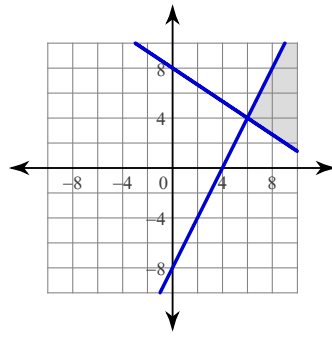


Answers to Assignment (ID: 3)

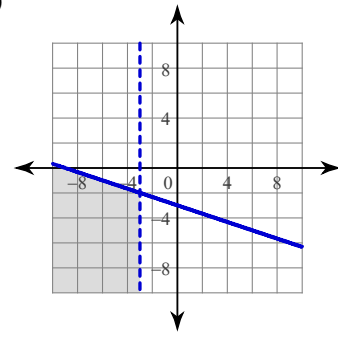
1)



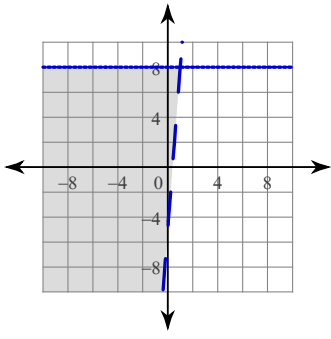
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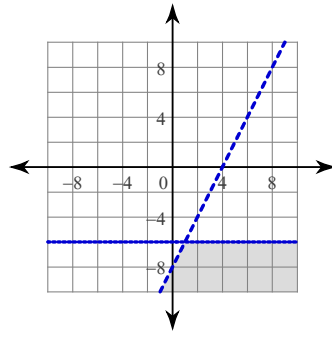
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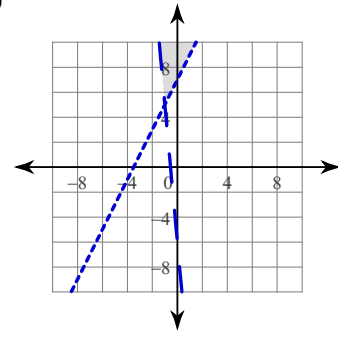
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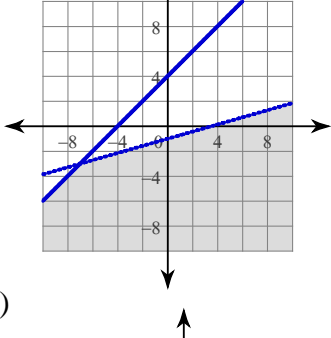
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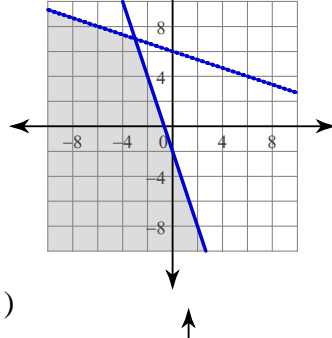
6)



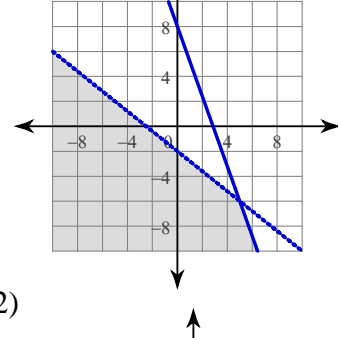
7)



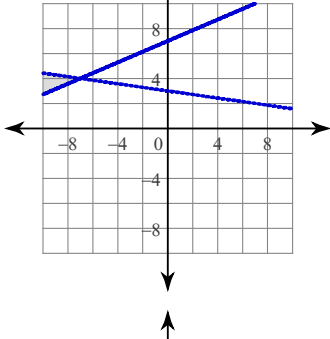
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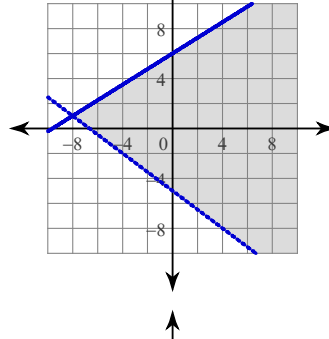
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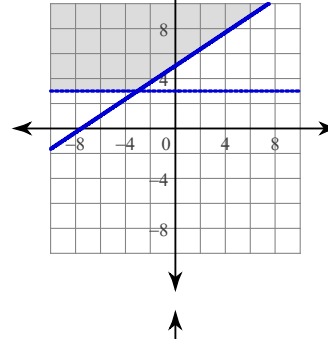
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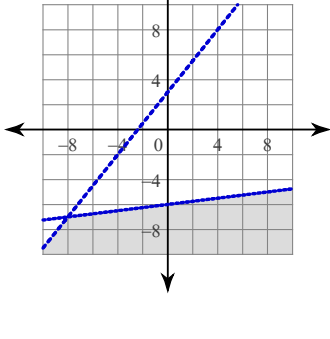
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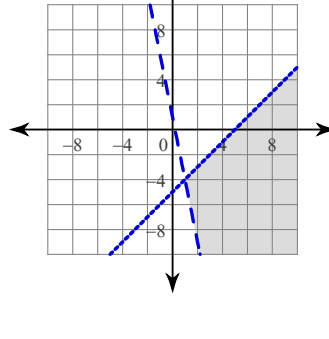
12)



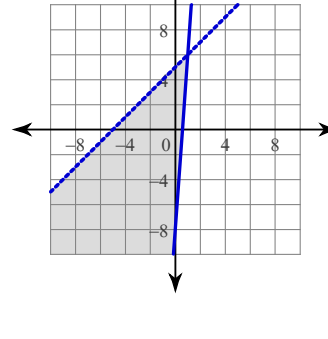
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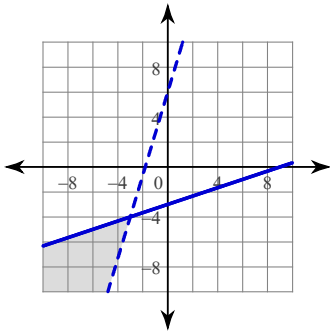
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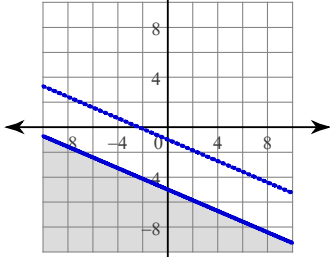
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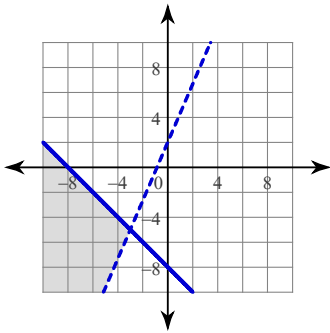
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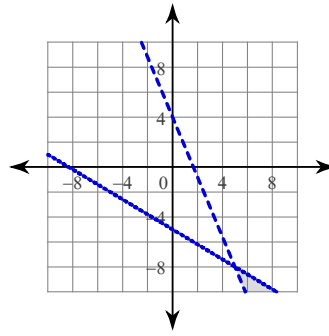
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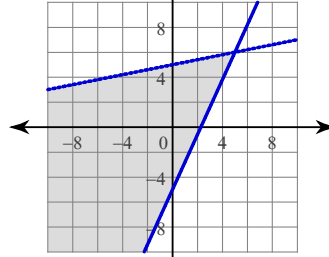
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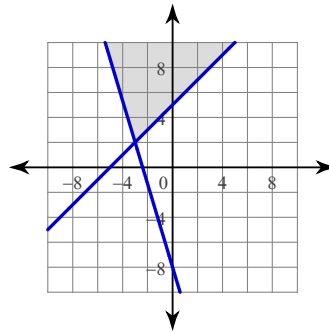
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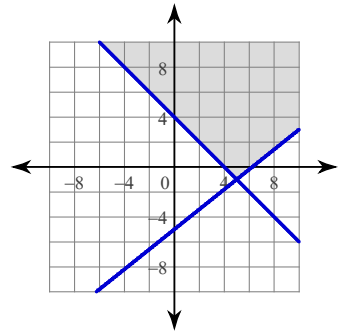
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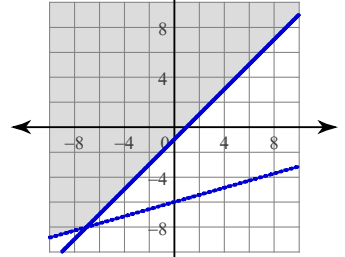
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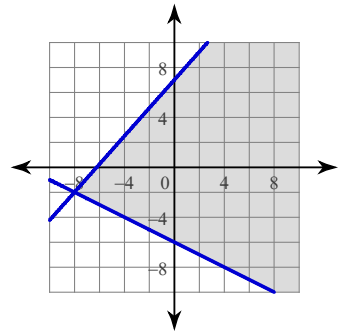
18)



21)



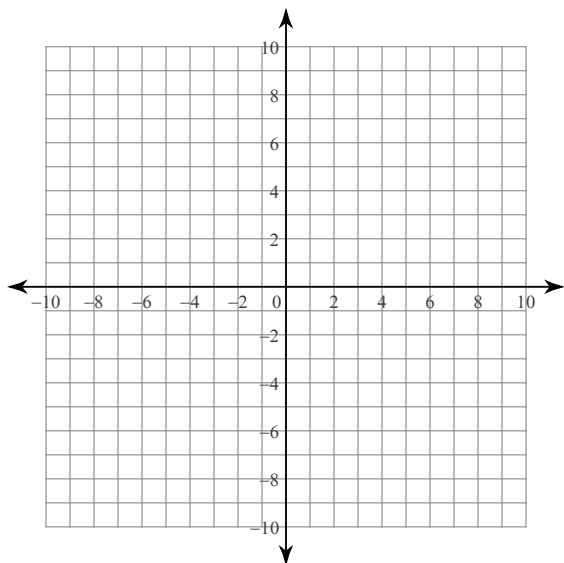
24)



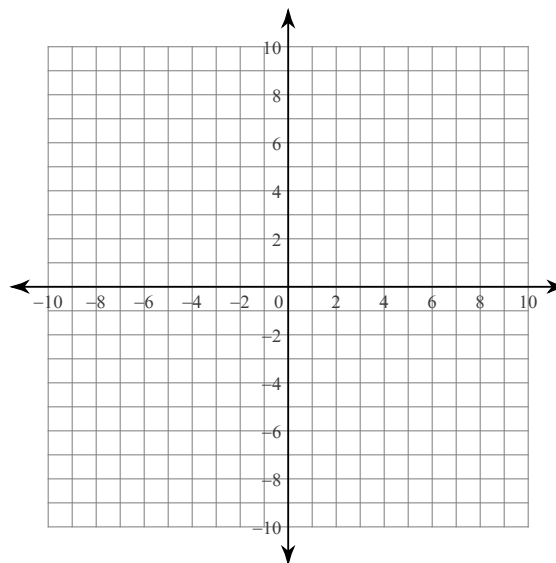
Assignment

Sketch the solution to each system of inequalities.

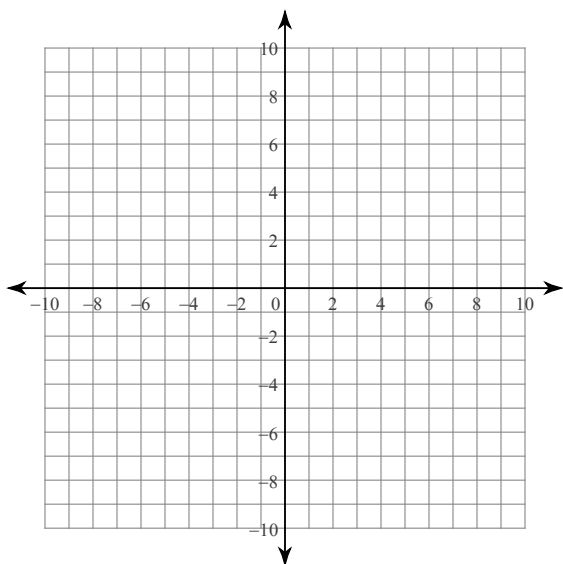
1) $x + y < 6$
 $12x - y > 7$



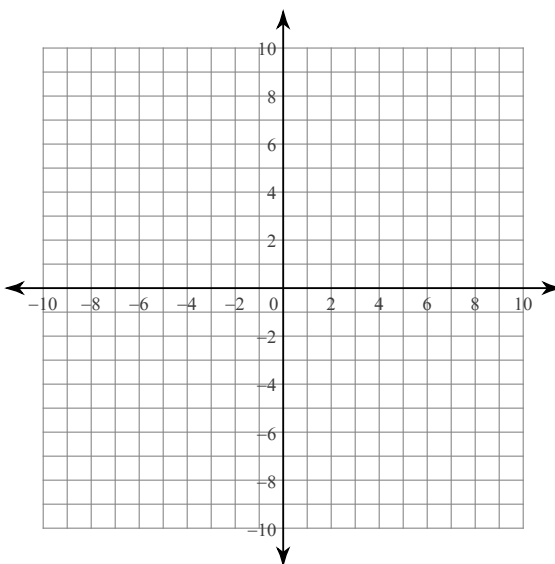
2) $3x + y \leq -1$
 $y \leq 8$



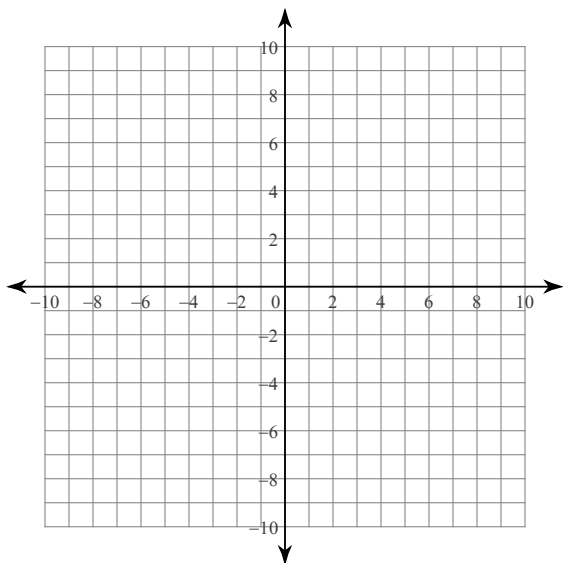
3) $3x + 5y \leq 5$
 $2x + y \leq 8$



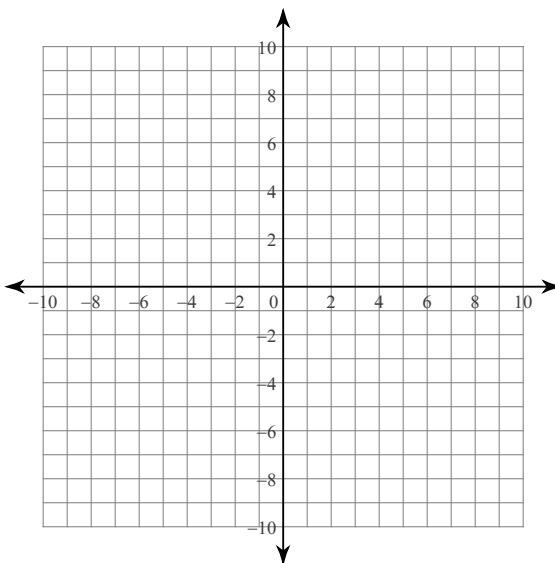
4) $2x + y < 3$
 $7x - y < 6$



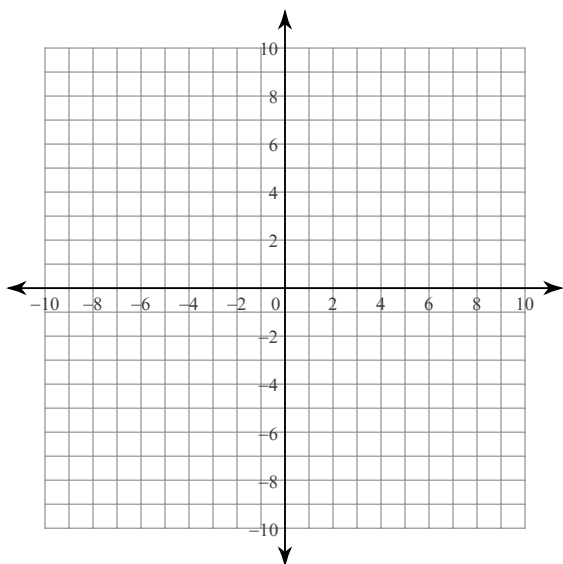
5) $14x + y \geq 8$
 $2x - y \geq 8$



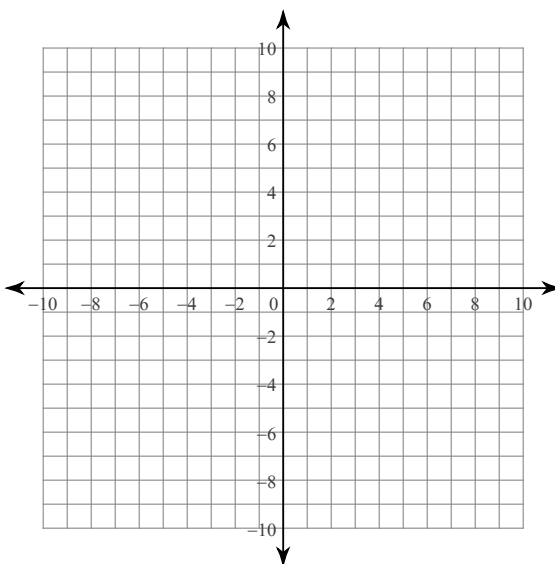
6) $2x + y \geq -7$
 $x - 7y > -56$



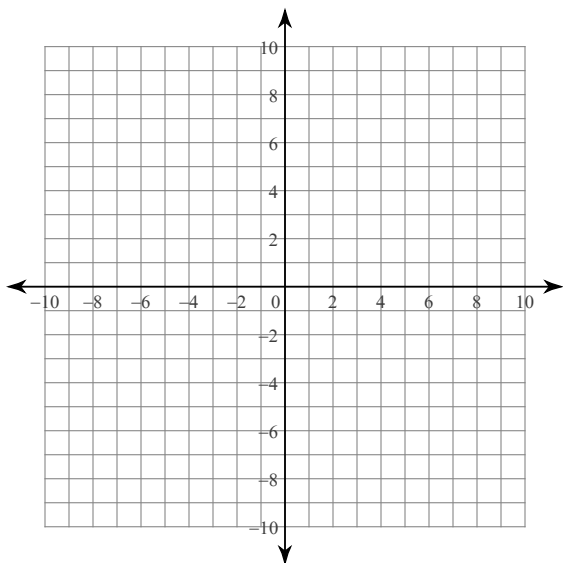
7) $x - y \leq 1$
 $4x + 5y > 40$



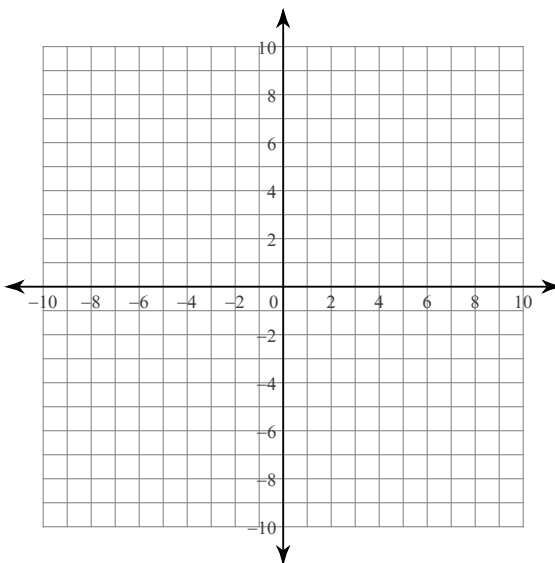
8) $x + y \leq -1$
 $y \leq -6$



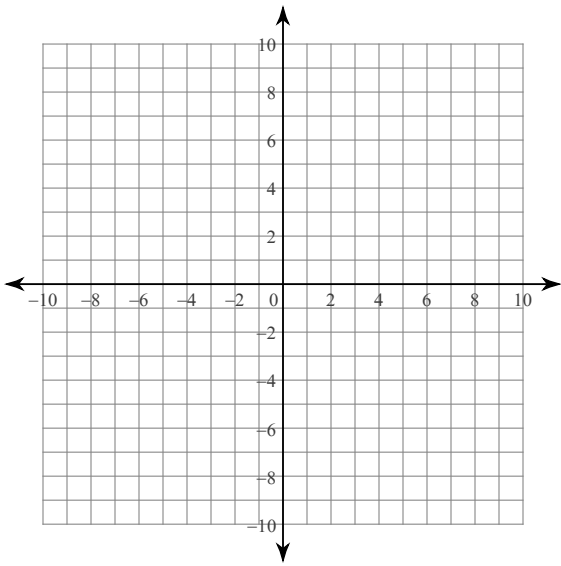
9) $3x + y < -2$
 $x + 3y > 18$



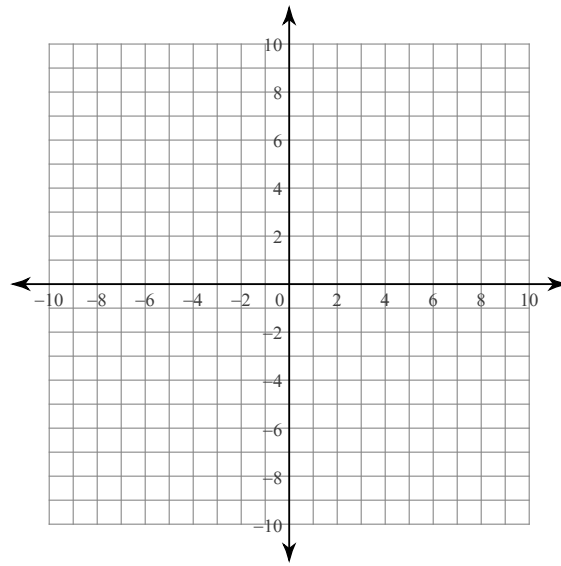
10) $3x + 8y > -48$
 $x - 4y \geq 4$



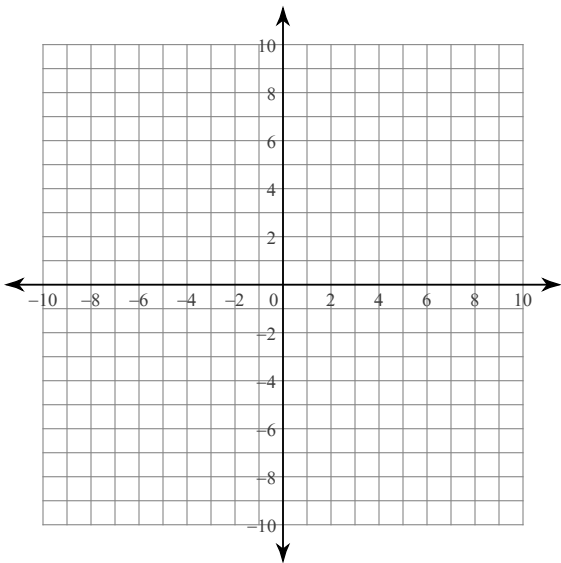
11) $3x + 5y \geq -30$
 $8x - 5y \geq -25$



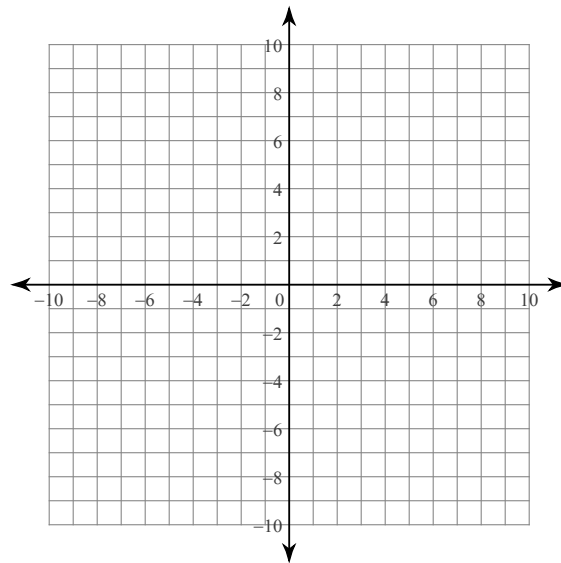
12) $11x + 8y \leq -64$
 $3x - 8y \geq -48$



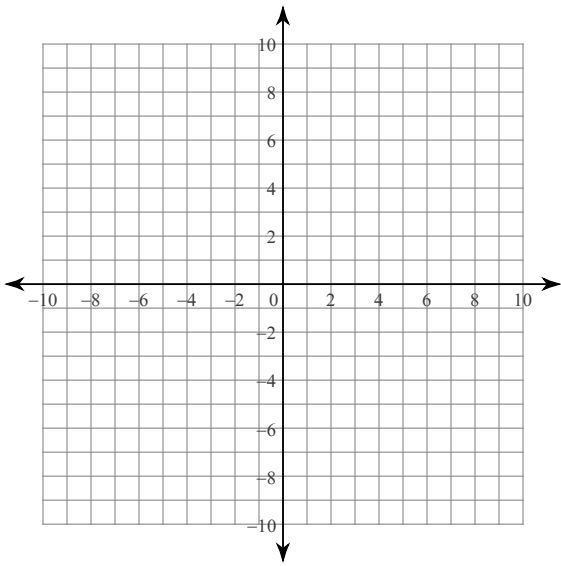
13) $x - y < -5$
 $3x + 4y \leq -8$



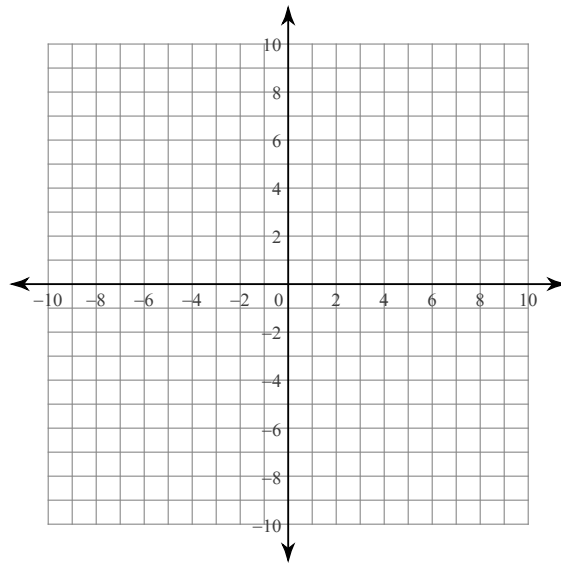
14) $x - y \geq 8$
 $13x + y \geq 6$



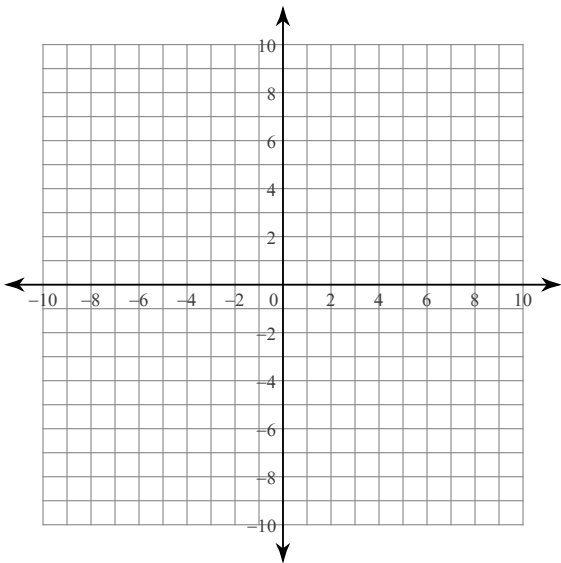
15) $x - 4y \leq 12$
 $5x - 2y \leq -12$



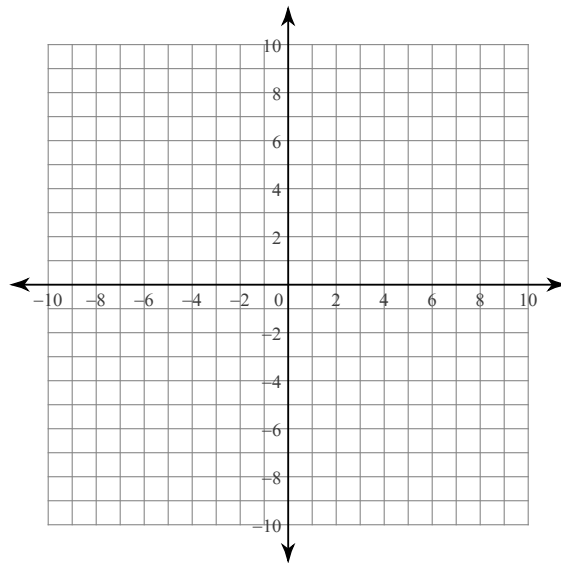
16) $x < 1$
 $x - y \geq -5$



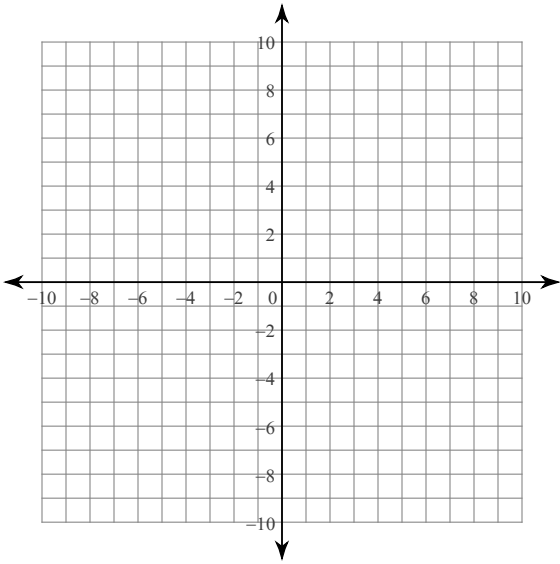
17) $6x - 5y \geq 15$
 $2x + 5y < 25$



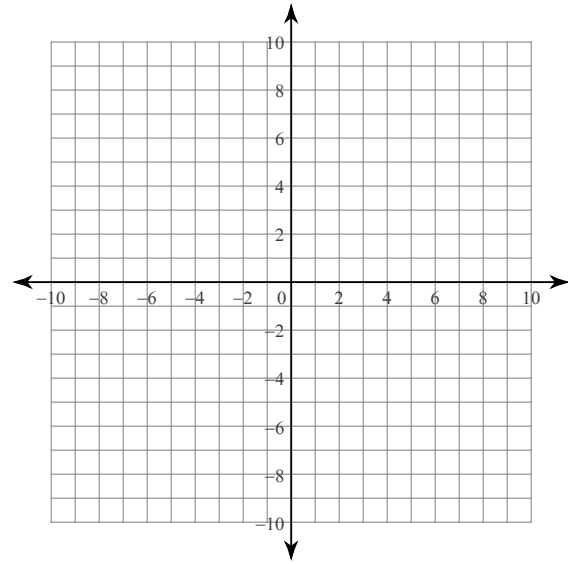
18) $3x - 2y \leq -16$
 $x + 8y \geq -40$



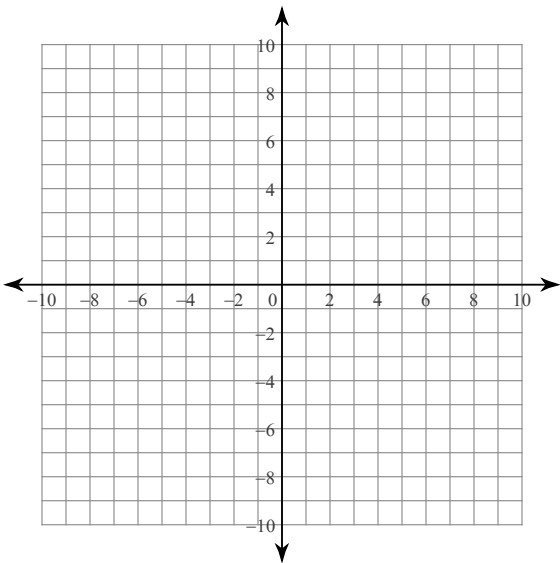
19) $x + y > 4$
 $4x - 5y > 25$



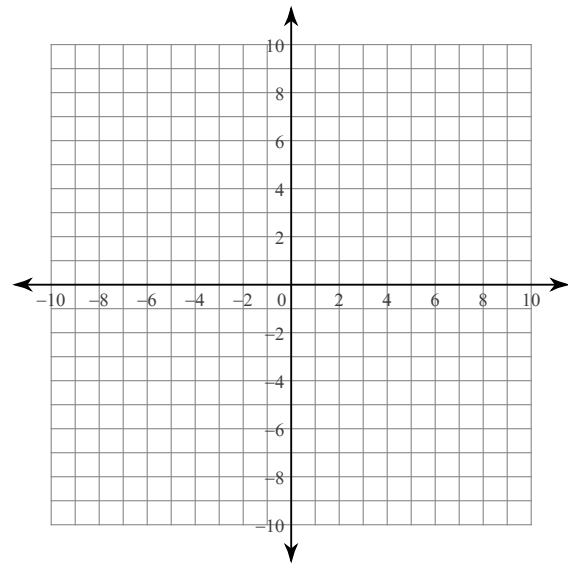
20) $7x + 8y < -40$
 $x - 4y < -16$



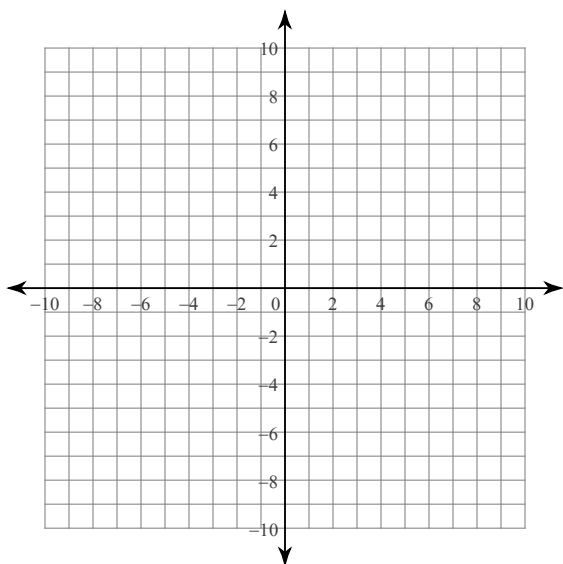
21) $13x + 5y < 25$
 $4x + 5y \geq -20$



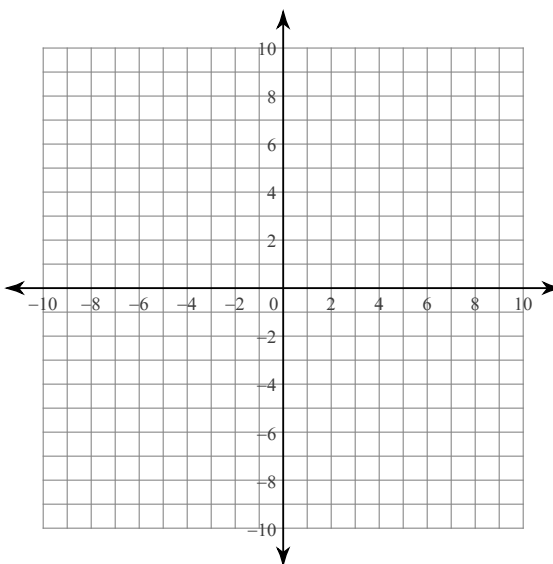
22) $2x + 3y < 9$
 $x < -3$



23) $2x - y < -3$
 $x - 4y < 16$

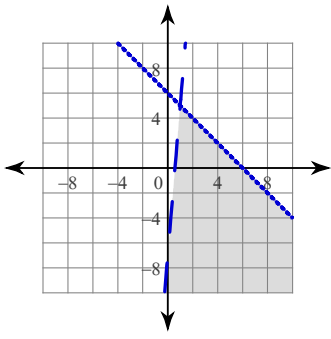


24) $7x - 8y < 8$
 $7x - 8y \leq 48$

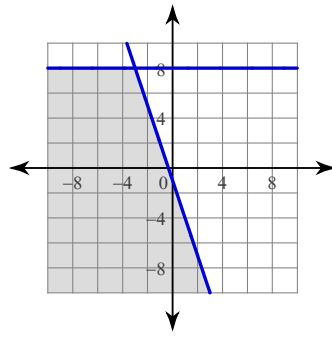


Answers to Assignment (ID: 4)

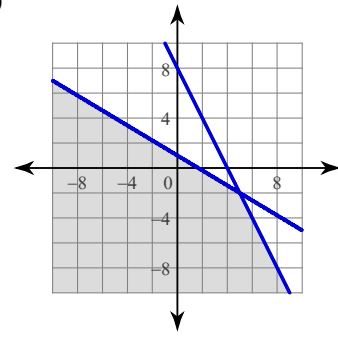
1)



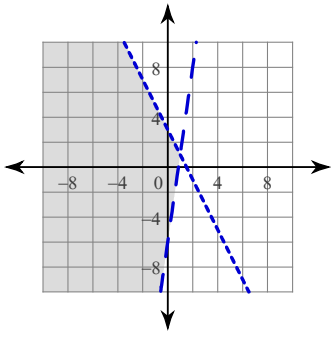
2)



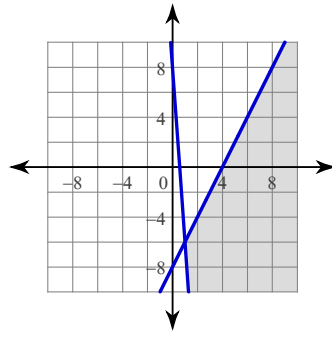
3)



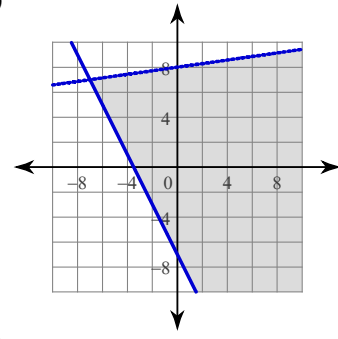
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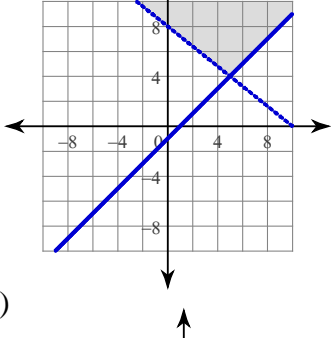
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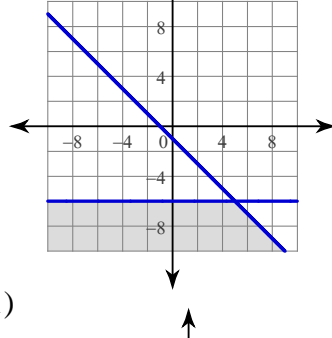
6)



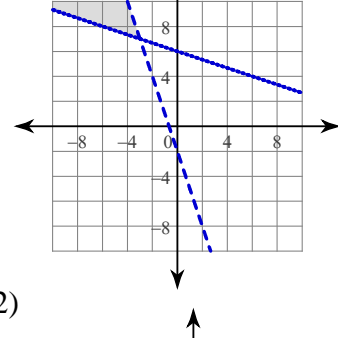
7)



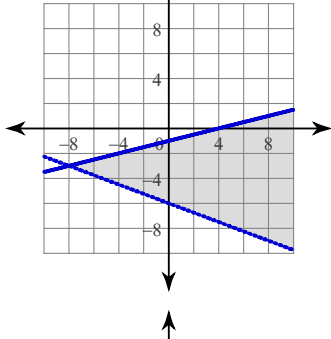
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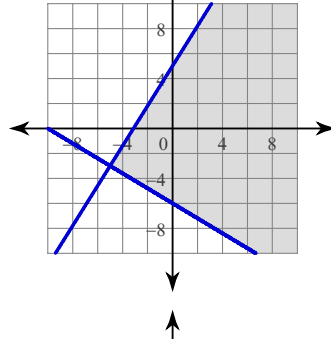
9)



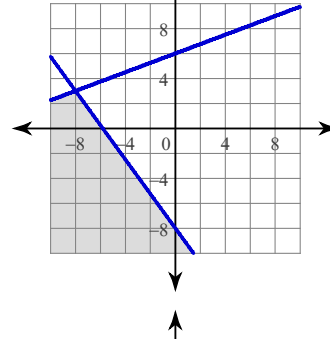
10)



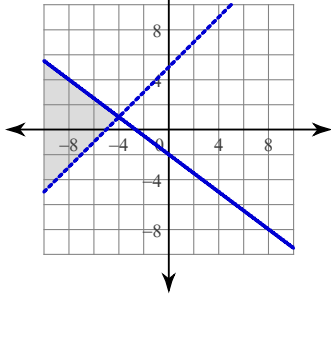
11)



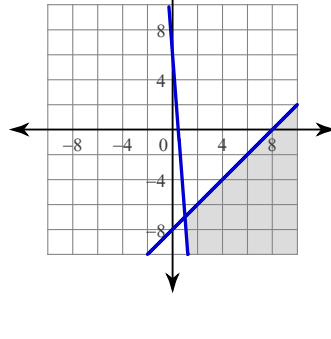
12)



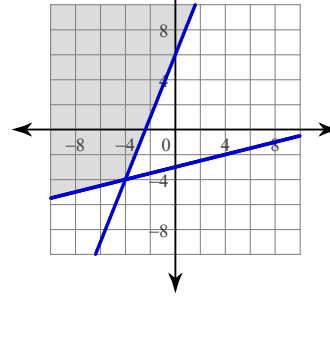
13)



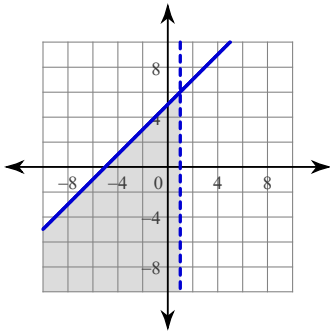
14)



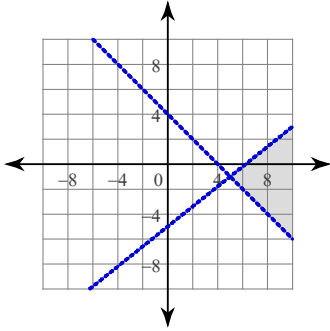
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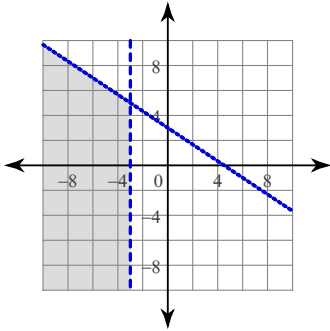
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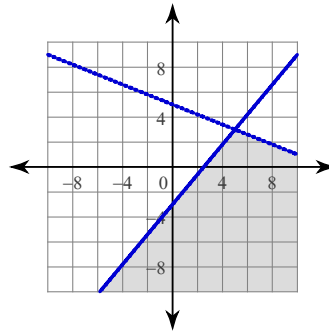
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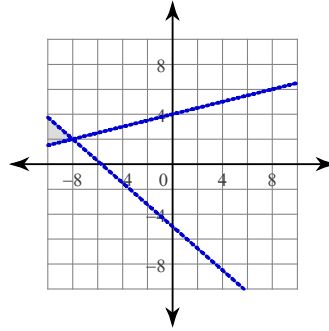
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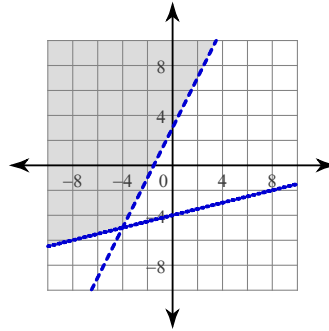
17)



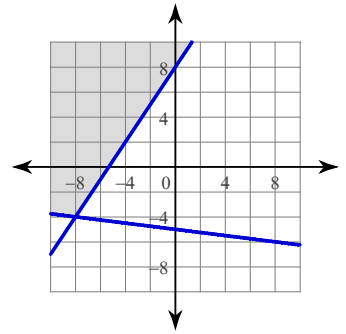
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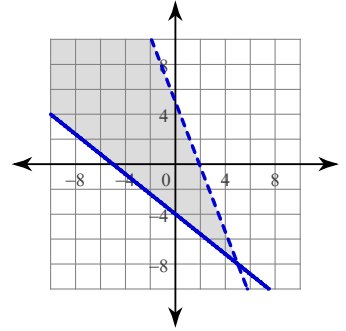
23)



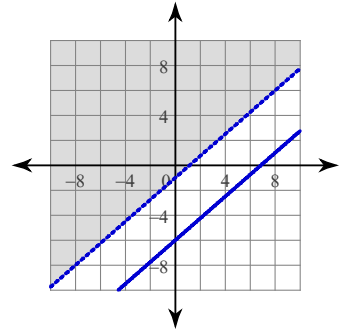
18)



21)



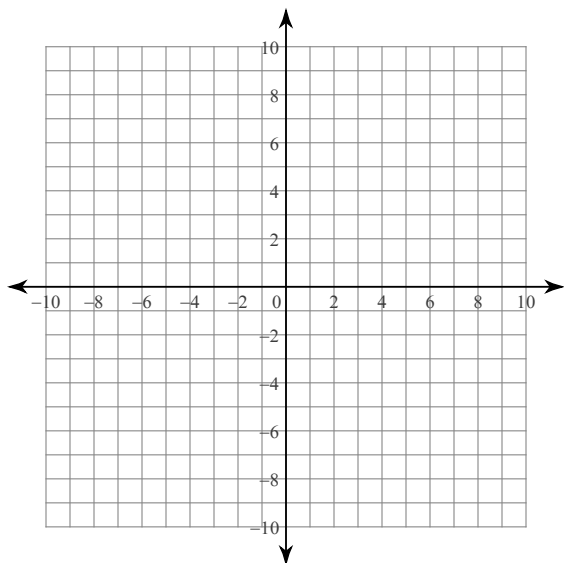
24)



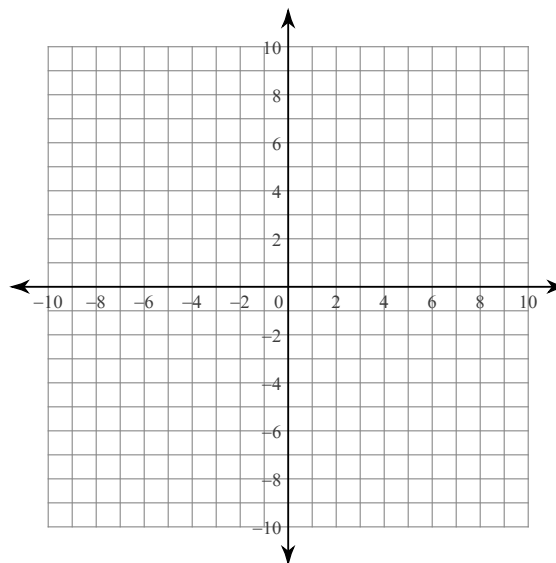
Assignment

Sketch the solution to each system of inequalities.

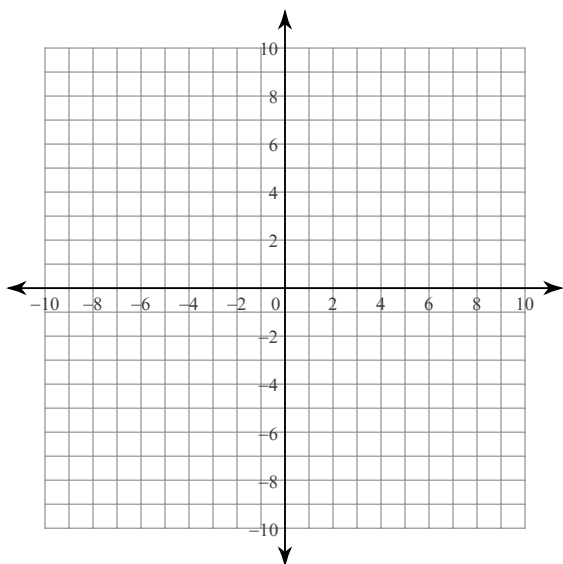
1) $x + y \geq 6$
 $4x - y < -1$



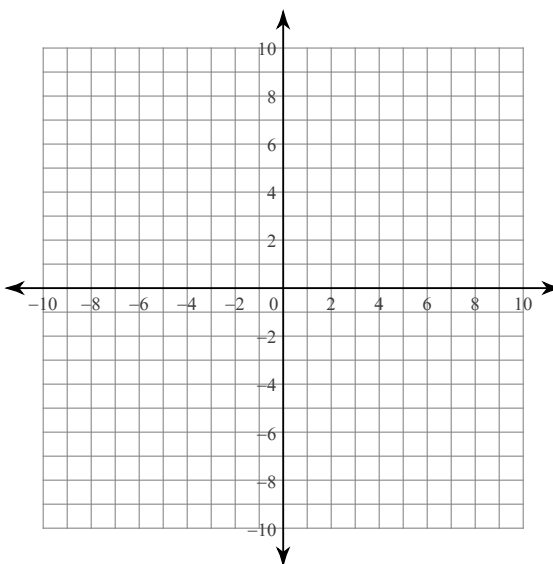
2) $3x - y \leq 7$
 $x - 5y \leq -35$



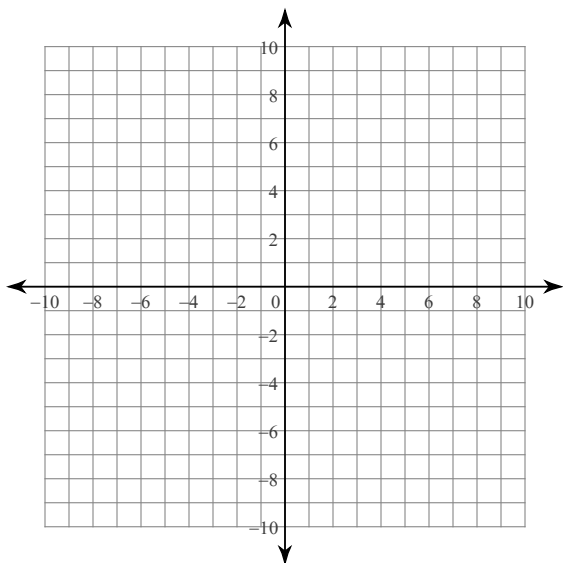
3) $5x + y < 3$
 $3x - y < 5$



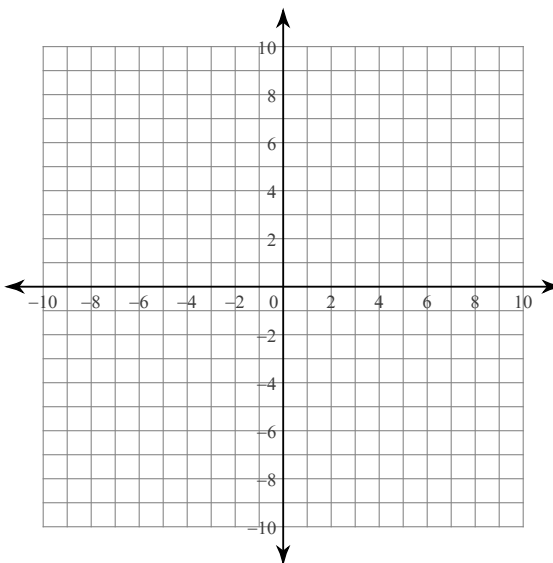
4) $4x + 5y \geq 25$
 $6x - 5y \leq 25$



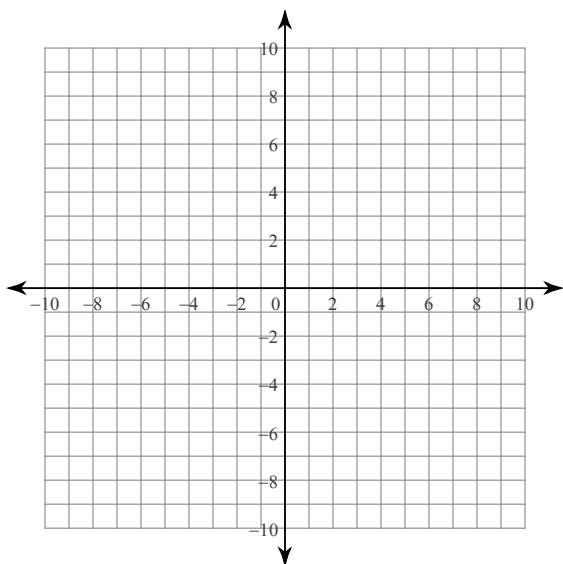
5) $2x - 7y \leq 28$
 $12x - 7y \geq -42$



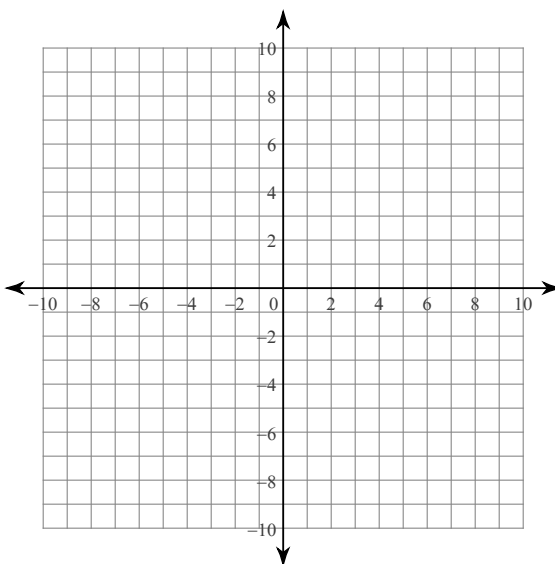
6) $3x + 5y > 5$
 $4x - 5y < 30$



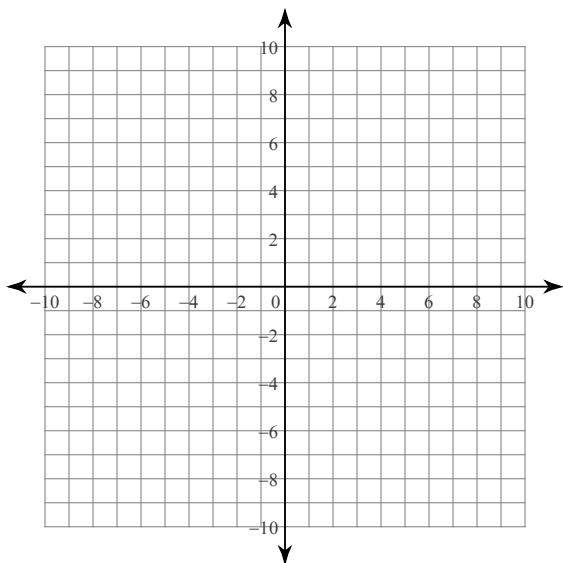
7) $5x + 8y > -32$
 $x - 4y < -12$



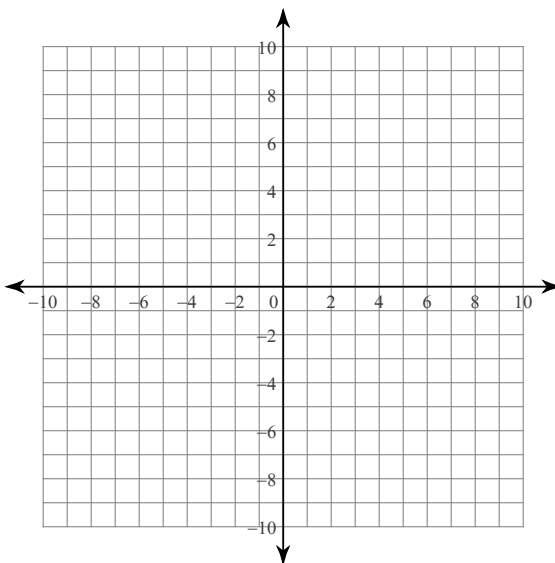
8) $3x + y \geq -5$
 $x + 3y \leq 9$



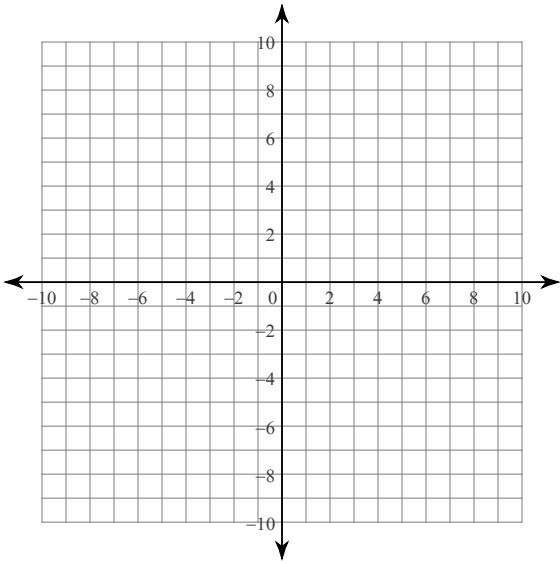
9) $3x + 2y \leq -10$
 $x + 8y \geq 48$



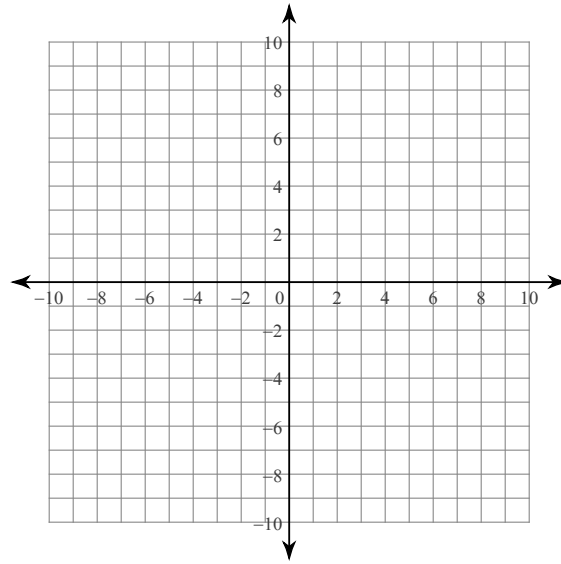
10) $14x - 3y < -24$
 $14x - 3y \leq 3$



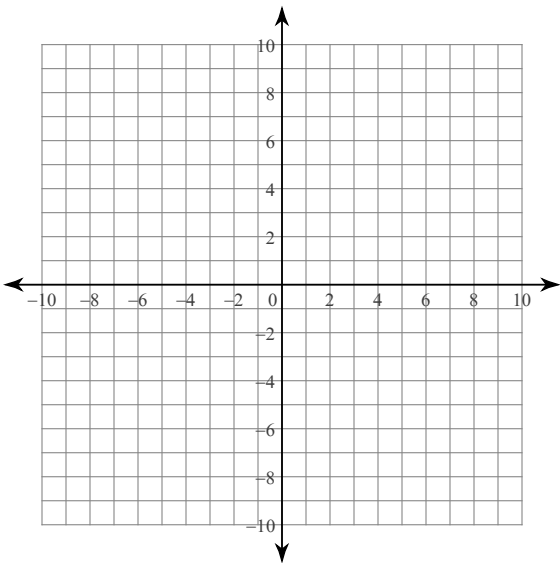
11) $8x - y < -4$
 $x - y \leq 3$



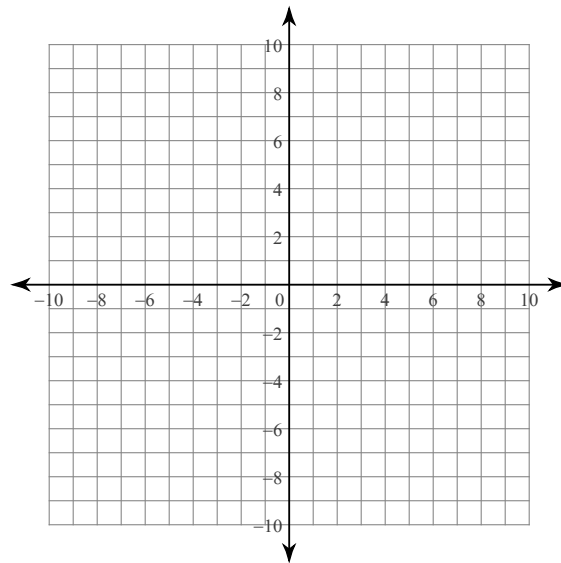
12) $x + y < -2$
 $5x + y < 2$



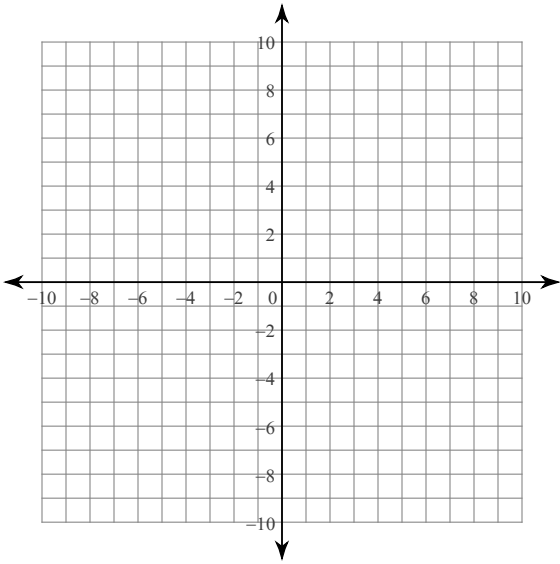
13) $11x - 5y < 20$
 $3x - 5y \geq -20$



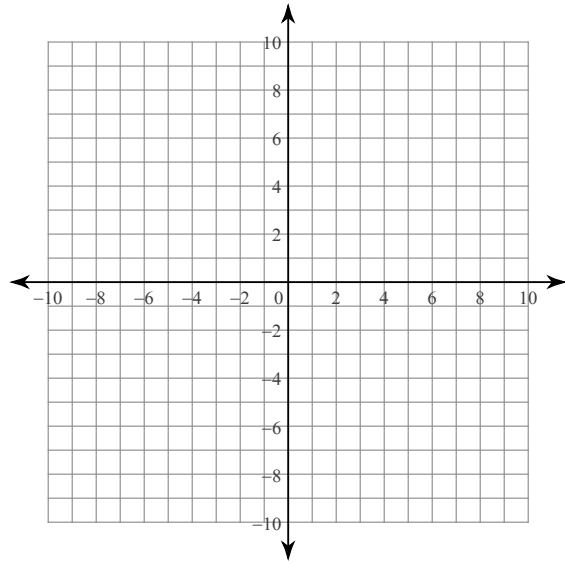
14) $2x + y < 5$
 $10x - y \leq 7$



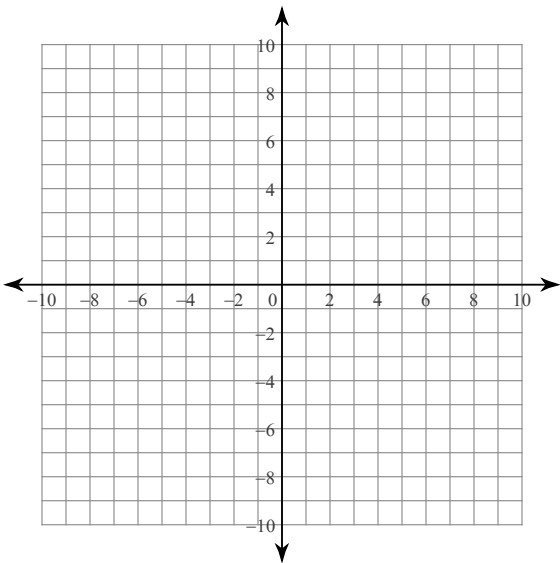
15) $14x + y \leq 7$
 $x + y > -6$



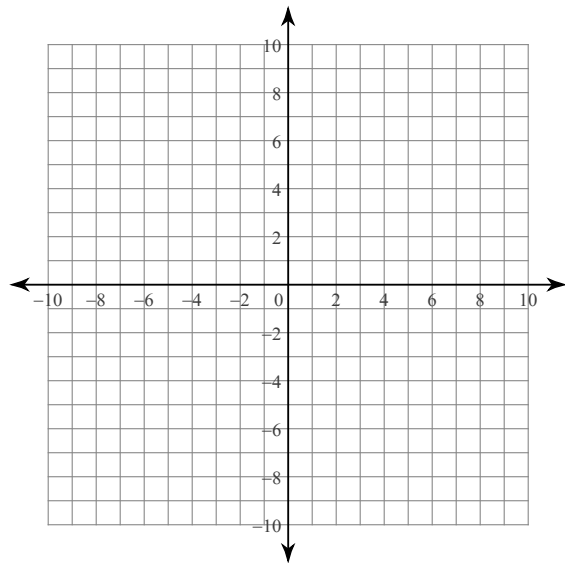
16) $x + 5y < -15$
 $2x + y > 6$



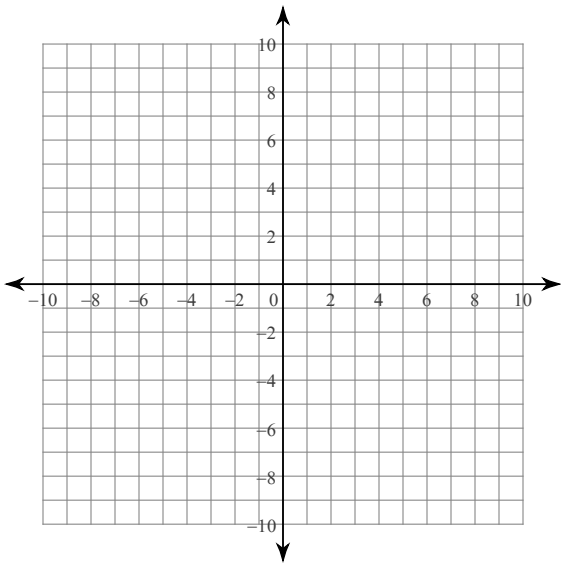
17) $7x - 5y > 20$
 $2x + 5y \leq 25$



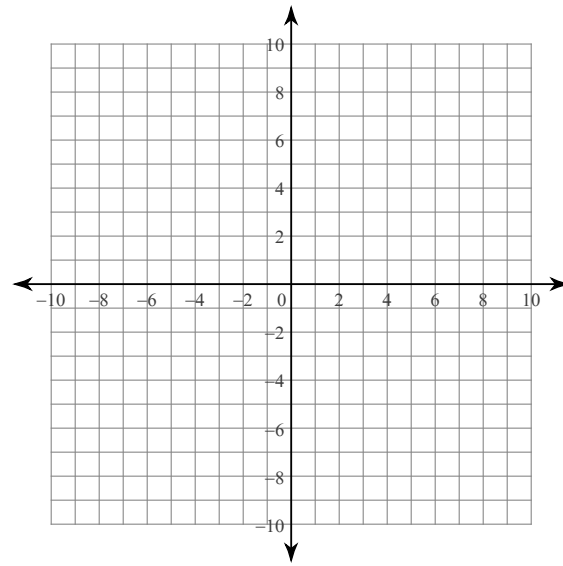
18) $5x + 4y > -16$
 $x \geq -8$



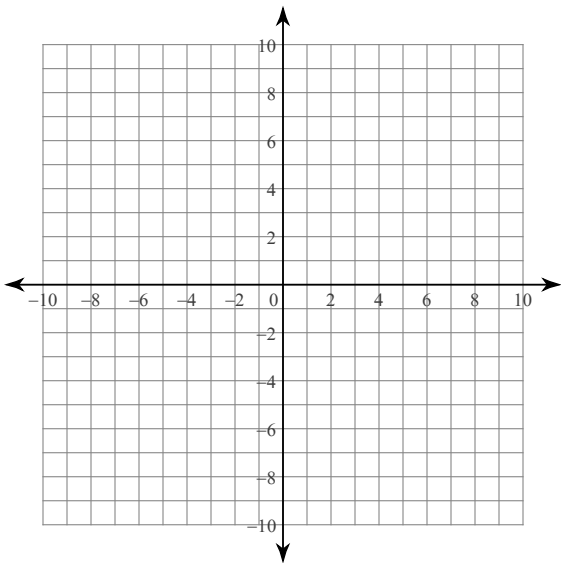
19) $x - 2y > -6$
 $7x + 8y < -64$



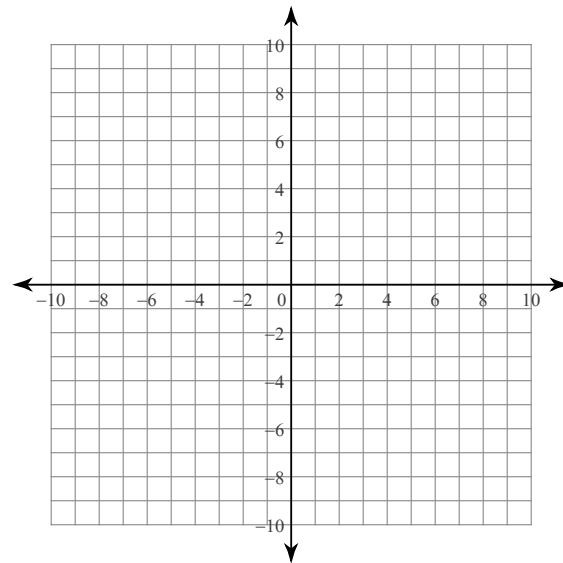
20) $4x - 3y \geq 12$
 $4x - 3y > 21$



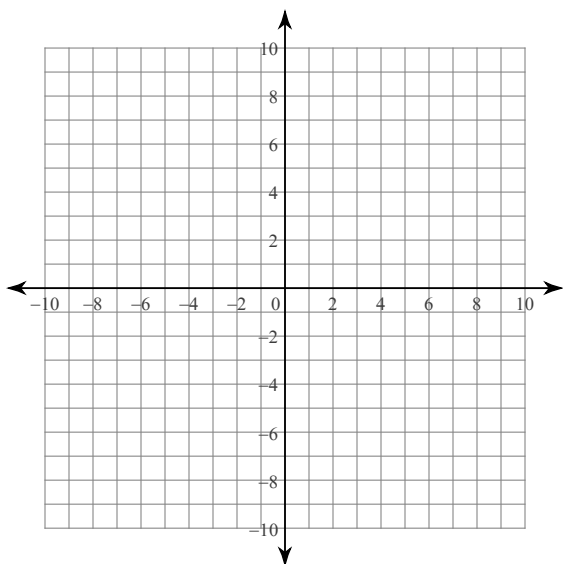
21) $x + 2y > 6$
 $5x + 2y \geq -10$



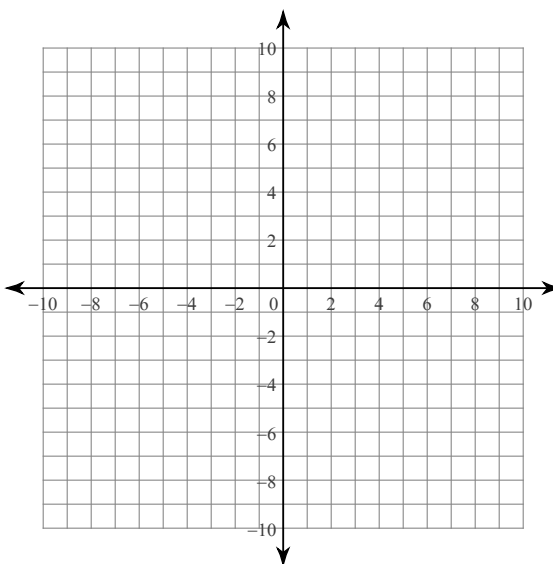
22) $5x - 4y \leq -16$
 $x + y < -5$



23) $3x - 2y < -16$
 $3x - 2y < 10$

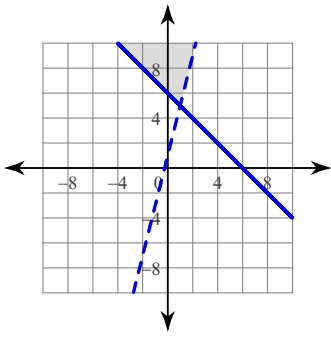


24) $2x + y \geq 4$
 $9x - y \geq 7$

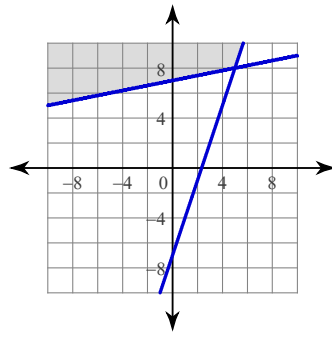


Answers to Assignment (ID: 5)

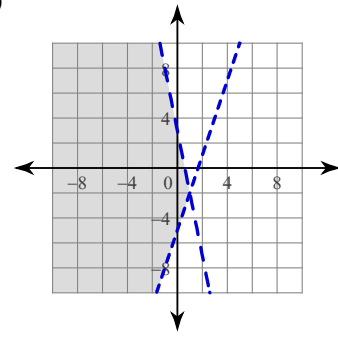
1)



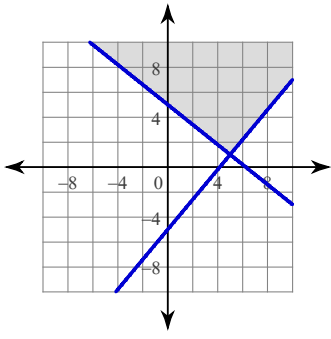
2)



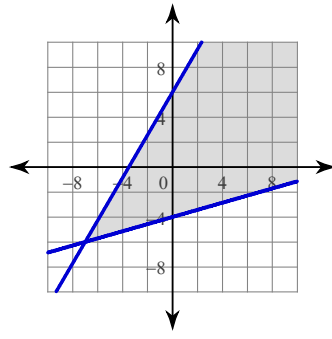
3)



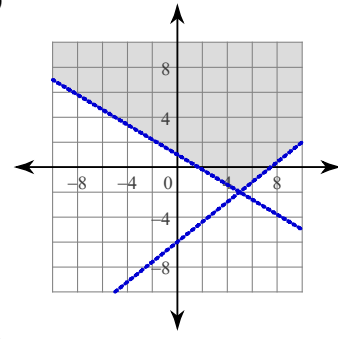
4)



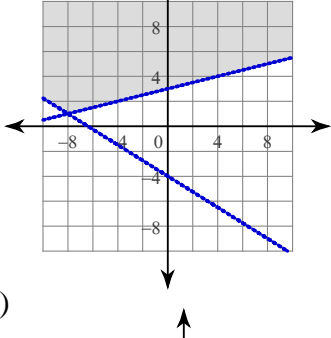
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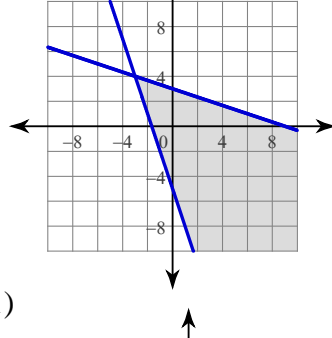
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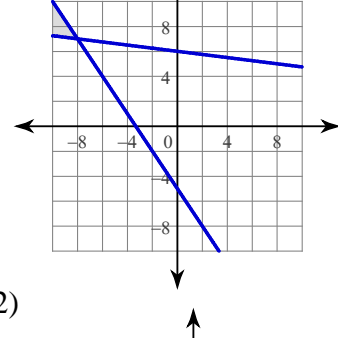
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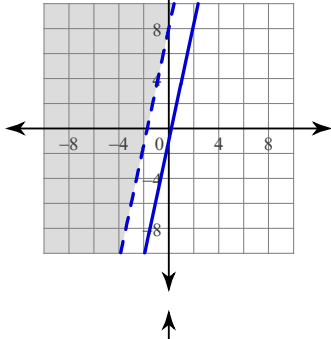
8)



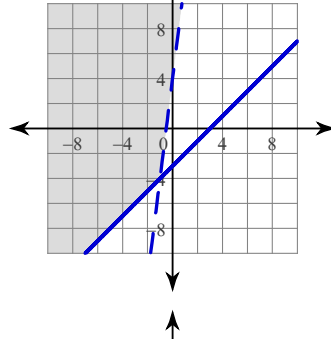
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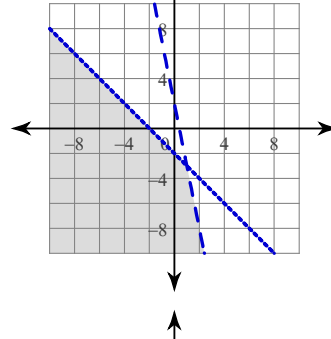
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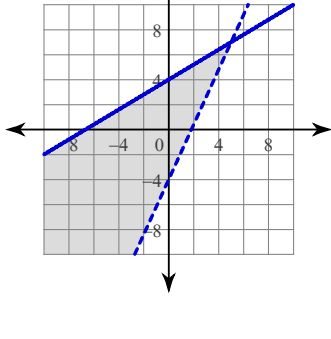
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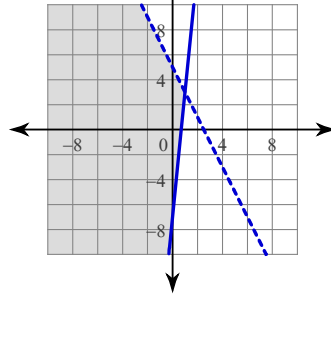
12)



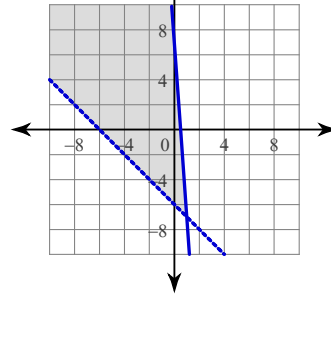
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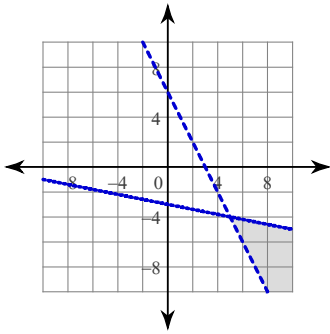
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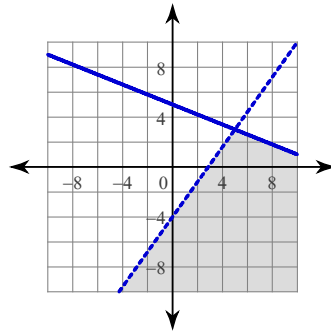
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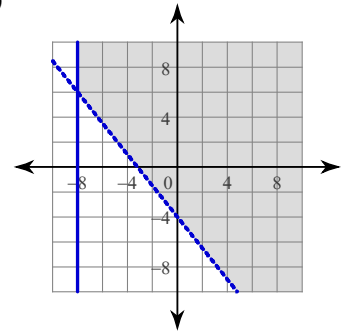
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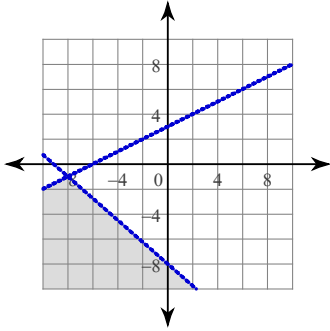
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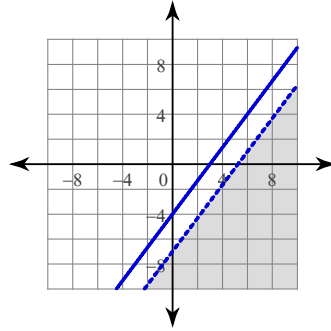
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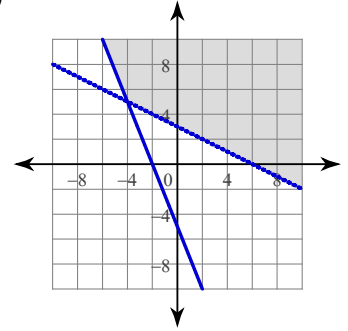
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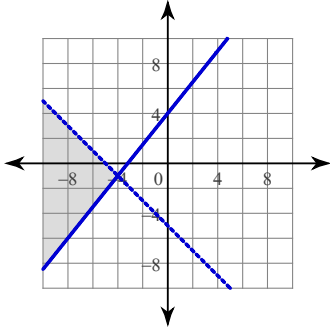
20)



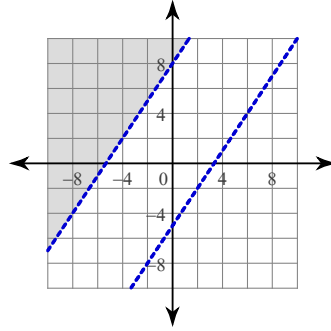
21)



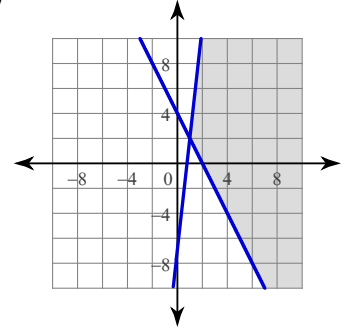
22)



23)



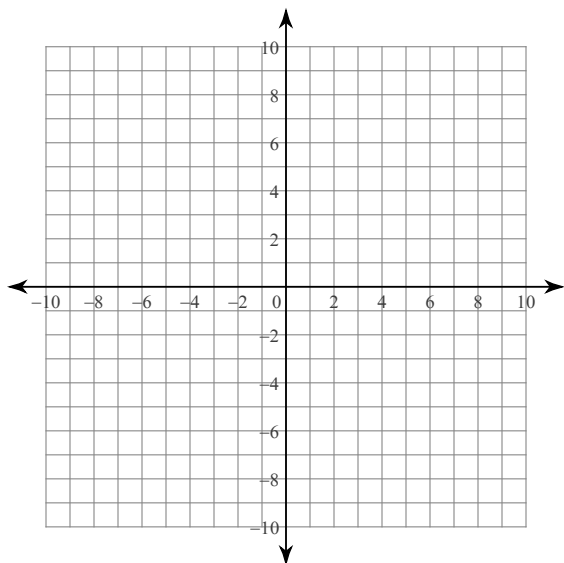
24)



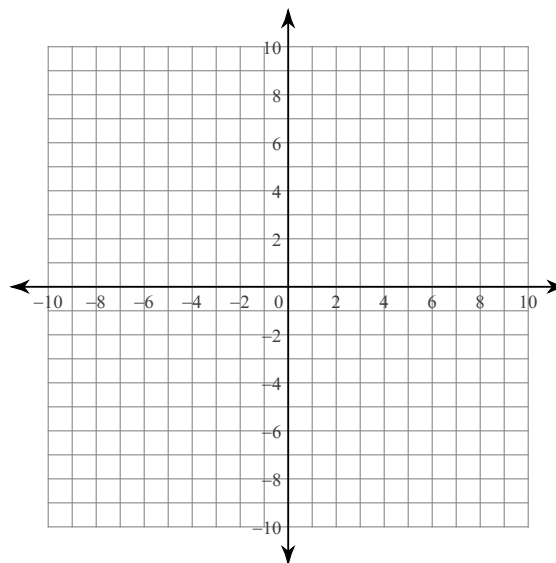
Assignment

Sketch the solution to each system of inequalities.

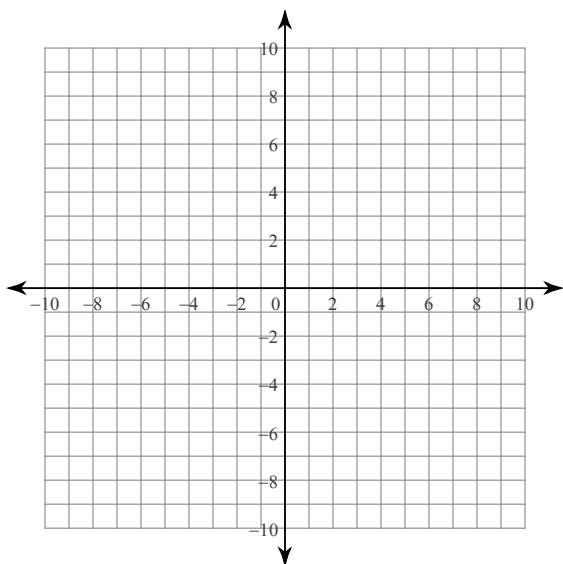
1) $y \leq -8$
 $10x + y < 2$



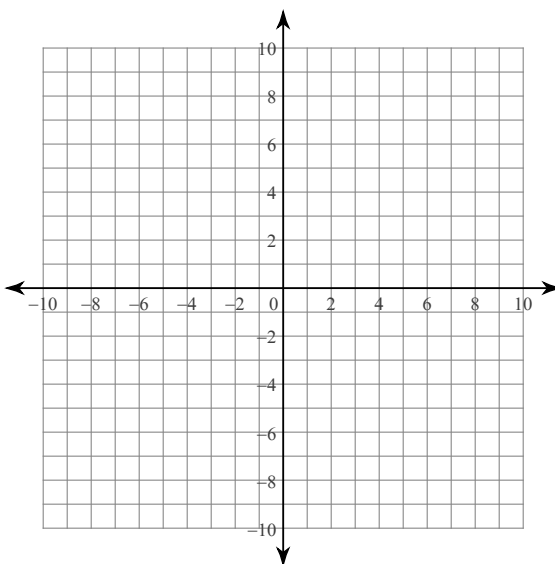
2) $3x + 5y \leq -10$
 $3x - 5y \leq 40$



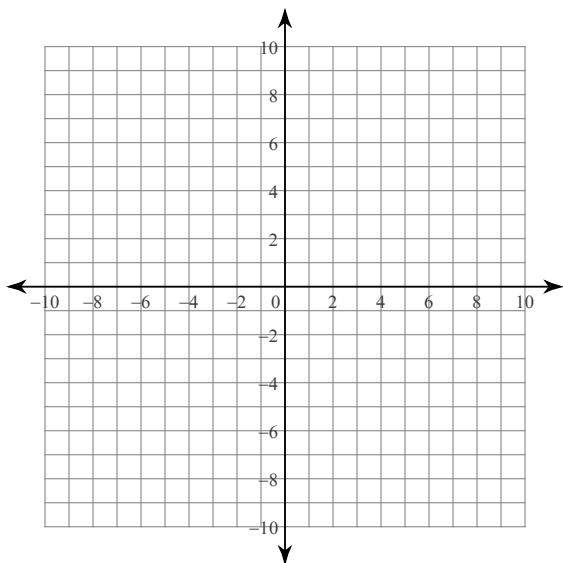
3) $x - y > 6$
 $2x + y > 6$



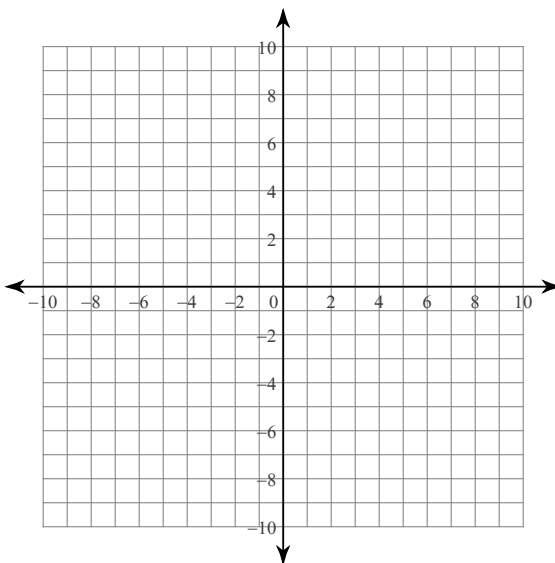
4) $y \leq 1$
 $8x - 5y \geq 35$



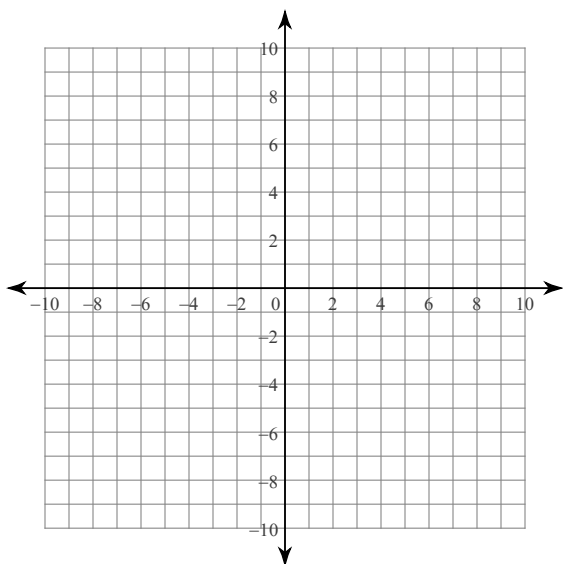
5) $x - 8y > -48$
 $x + 2y \leq 2$



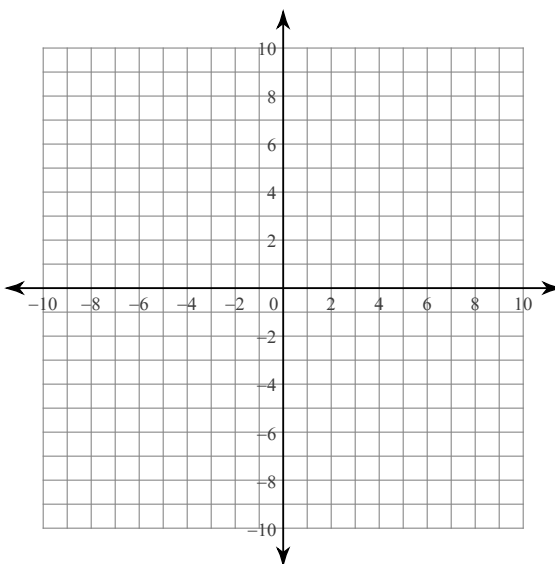
6) $y \leq 8$
 $4x - 5y < -20$



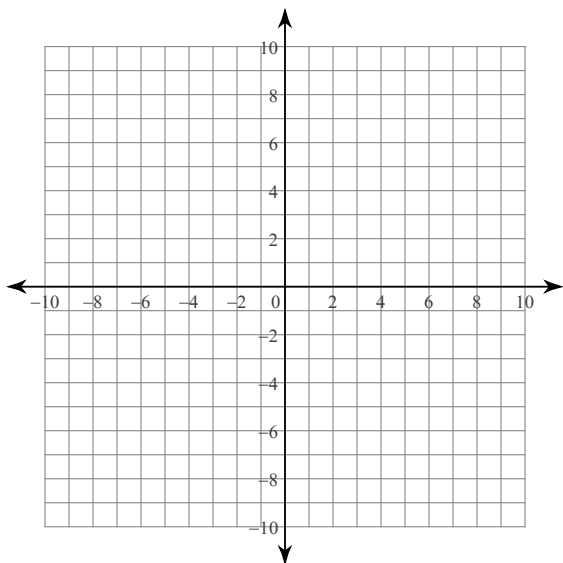
7) $x + y \leq -7$
 $7x - 8y > -64$



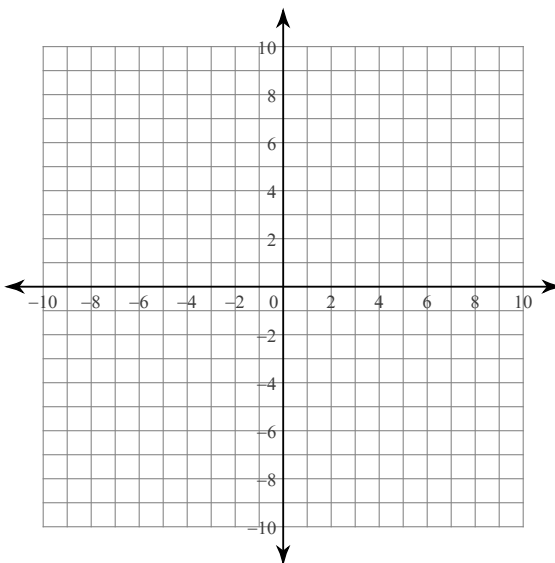
8) $9x - 4y \leq -24$
 $9x - 4y \geq -8$



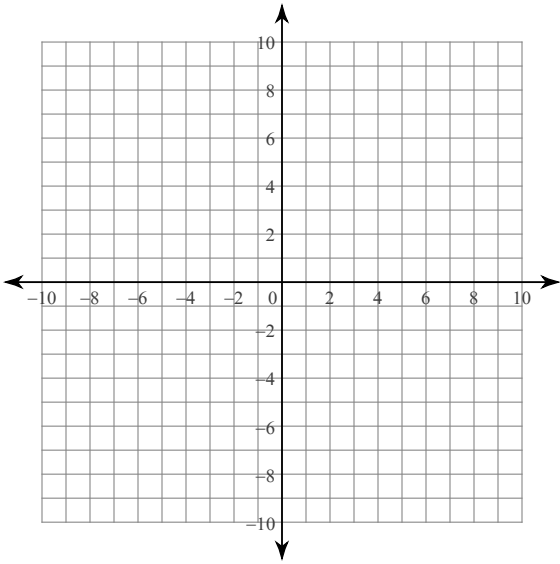
9) $3x - 4y > -28$
 $5x + 4y \geq -4$



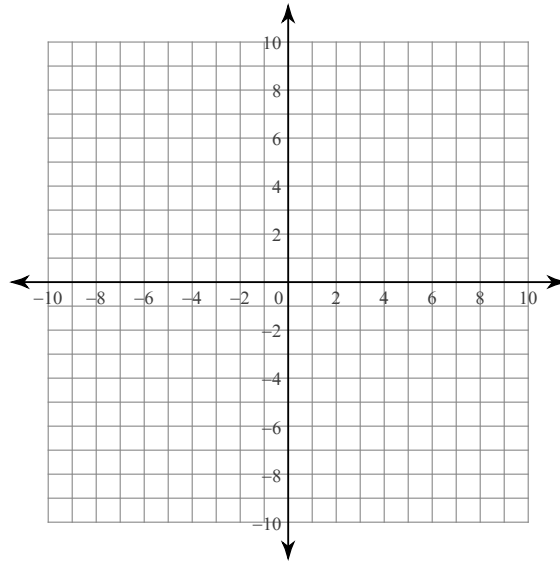
10) $11x - 8y \geq -40$
 $11x - 8y < -8$



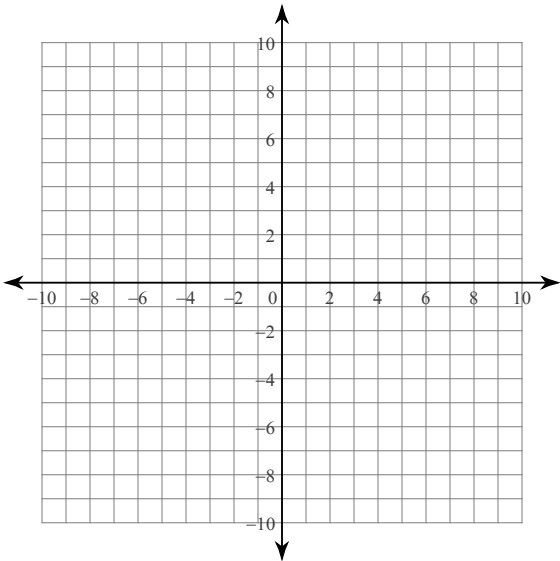
11) $15x - y > 8$
 $x + y \leq 8$



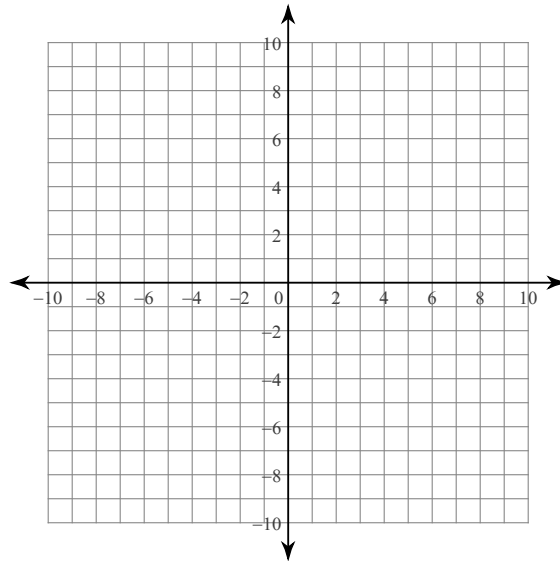
12) $2x + 3y \leq 21$
 $3x - y \leq 4$



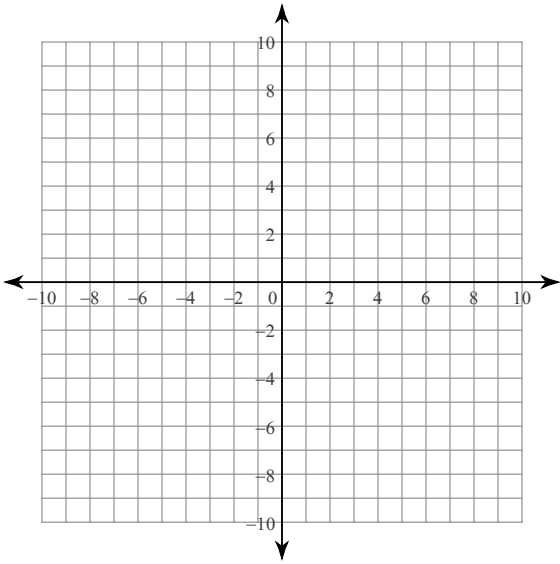
13) $x - y \leq 4$
 $9x + y \geq 6$



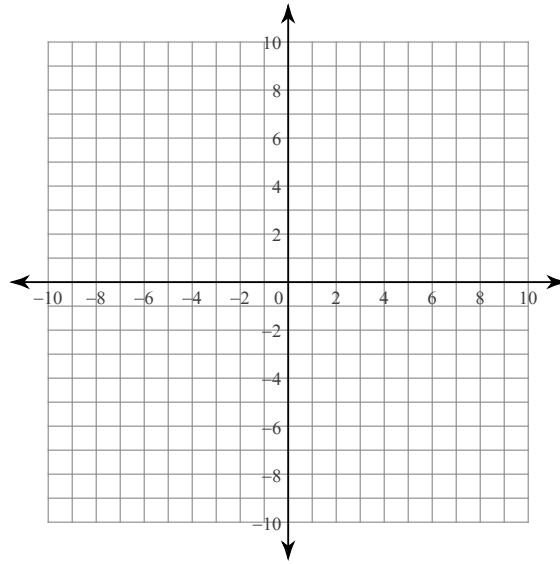
14) $x + 4y \geq -28$
 $3x - y \leq -6$



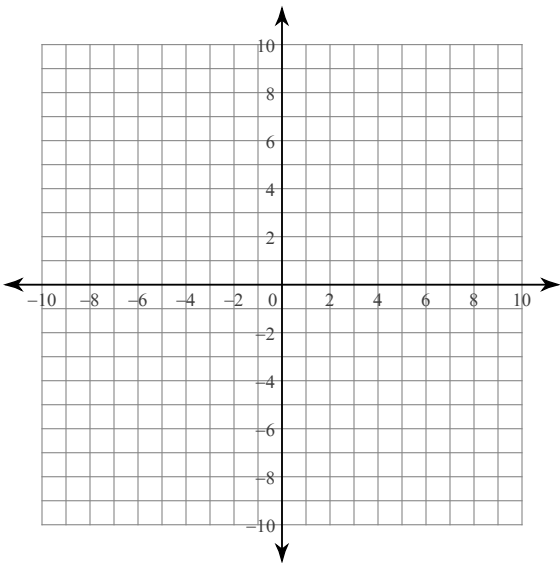
15) $11x - y > 8$
 $x + y \geq 4$



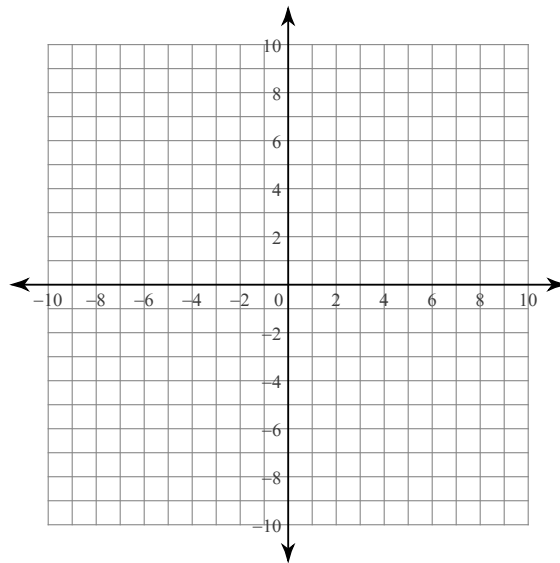
16) $x + 5y \geq -15$
 $x + 5y < 30$



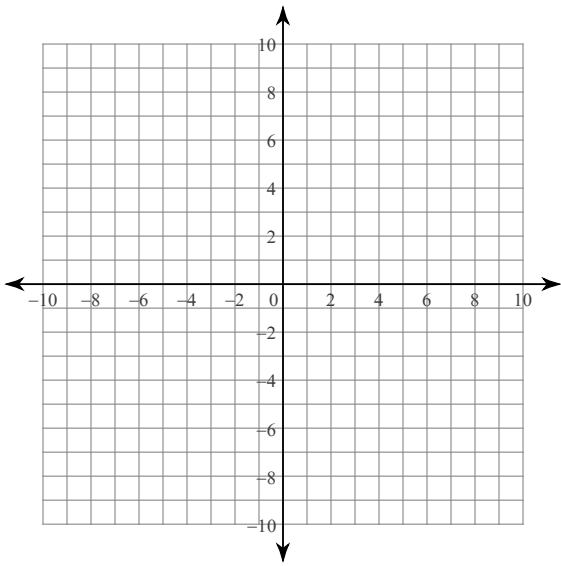
17) $3x - 2y > -10$
 $x - 4y \geq 20$



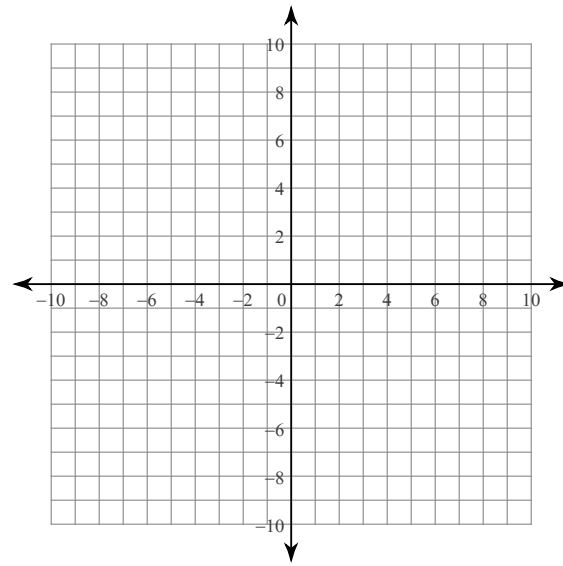
18) $3x - 5y < -20$
 $12x - 5y \leq 25$



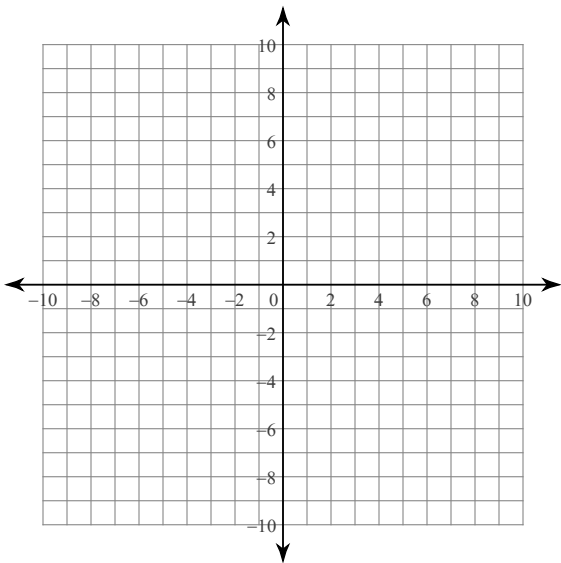
19) $x - 4y < 28$
 $x \geq -4$



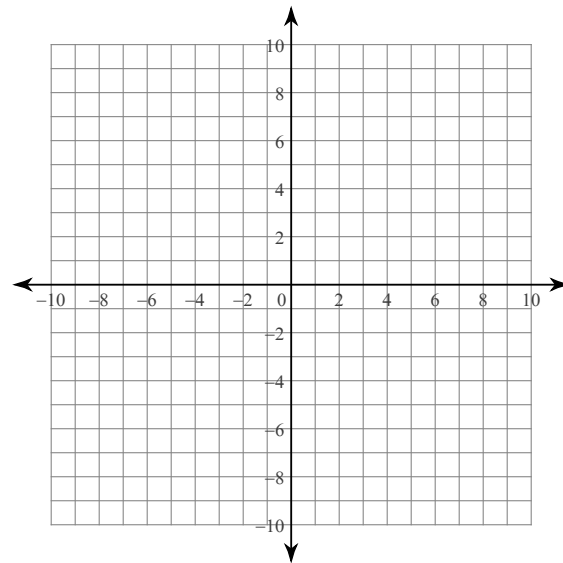
20) $11x + 8y < -40$
 $3x + 8y \geq 24$



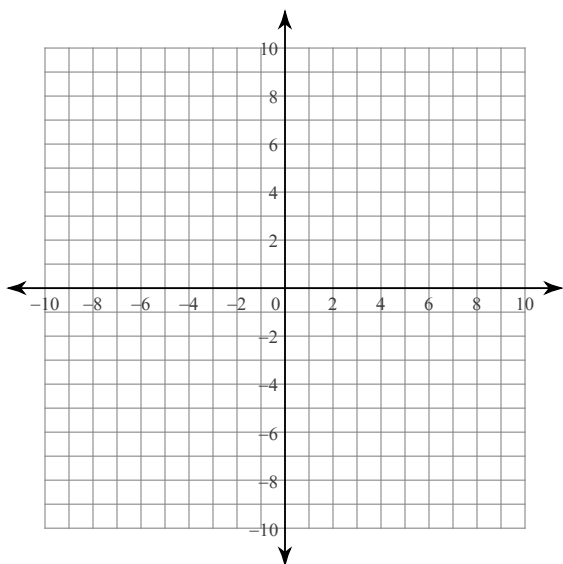
21) $7x + 4y \leq -16$
 $x + 2y < 2$



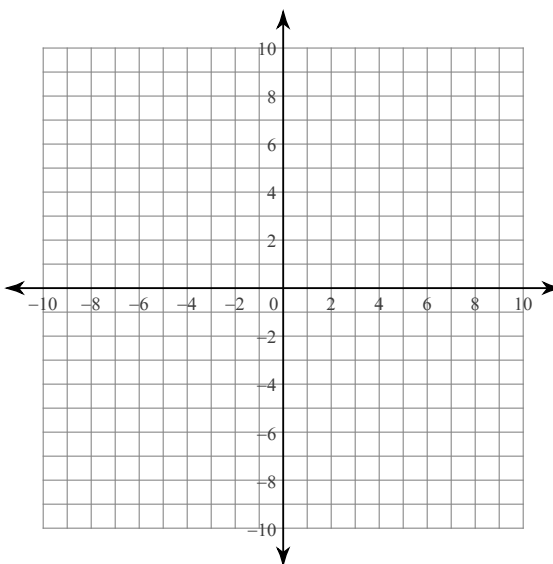
22) $x - 4y < -4$
 $x - 4y \geq -20$



23) $5x - 4y < -16$
 $x + y \leq -5$

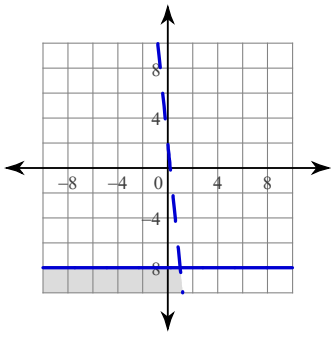


24) $x + y < -4$
 $10x + y < 5$

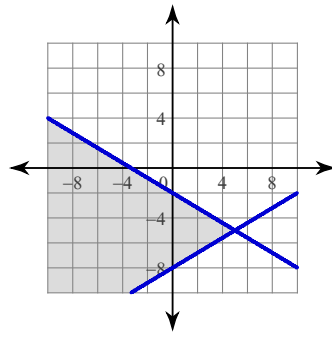


Answers to Assignment (ID: 6)

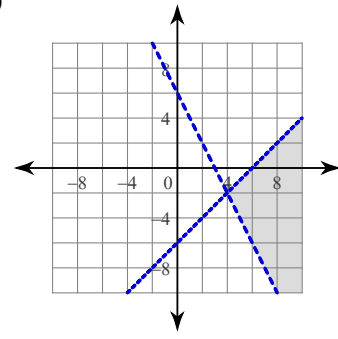
1)



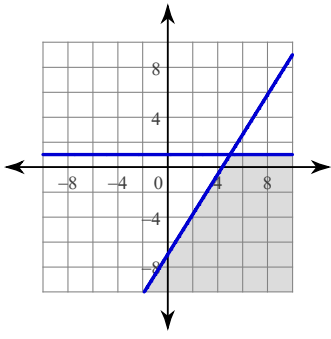
2)



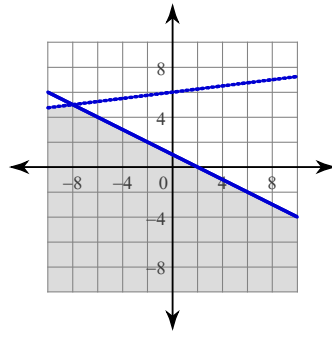
3)



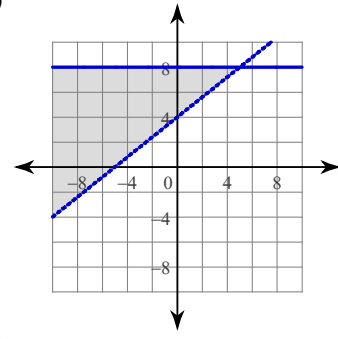
4)



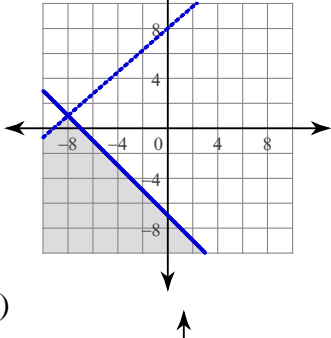
5)



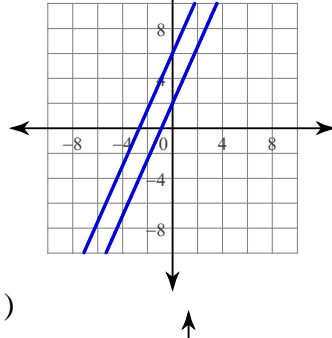
6)



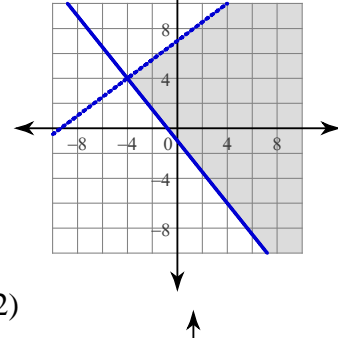
7)



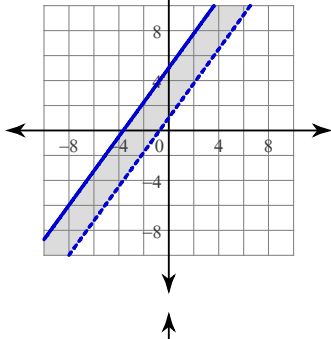
8)



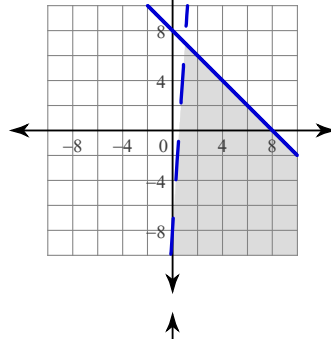
9)



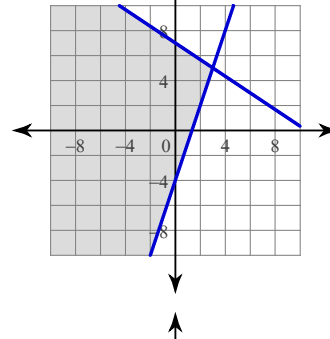
10)



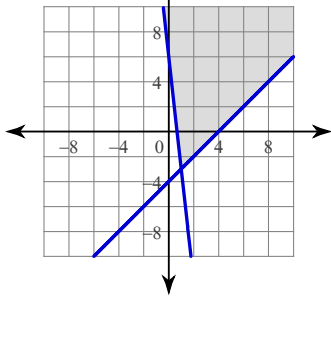
11)



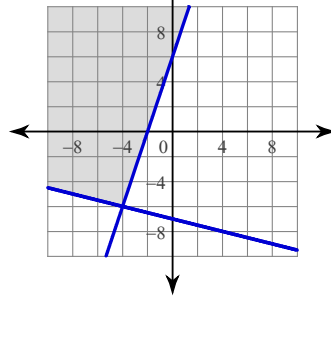
12)



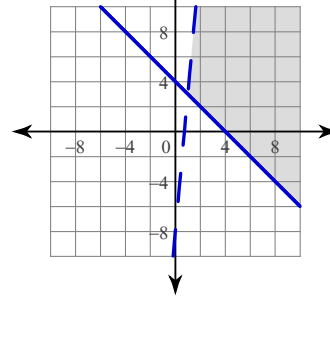
13)



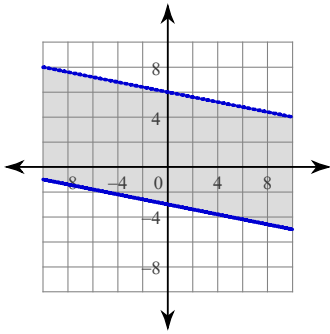
14)



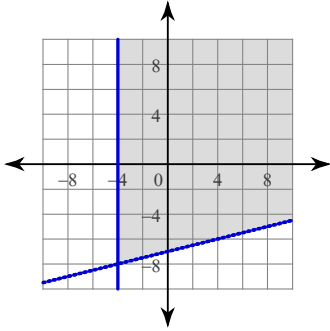
15)



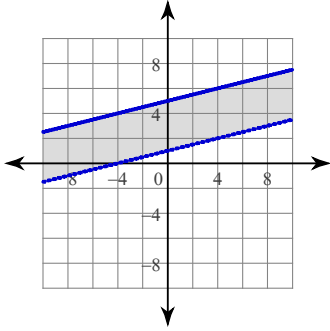
16)



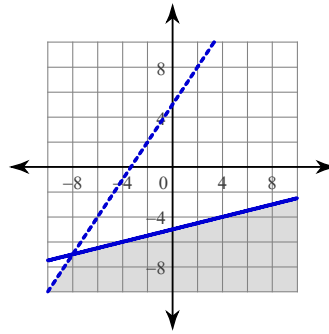
19)



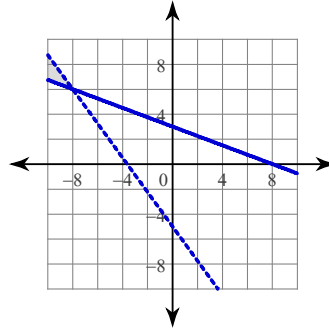
22)



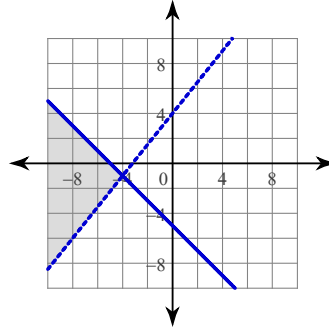
17)



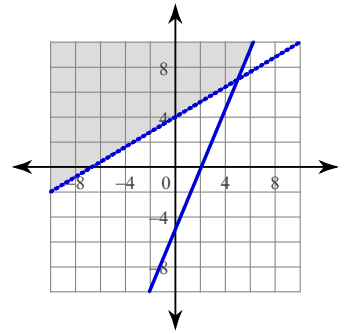
20)



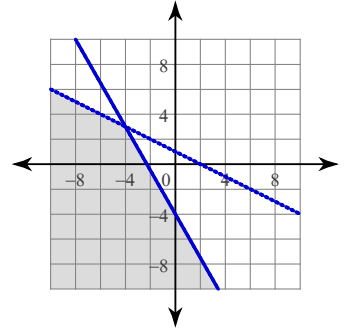
23)



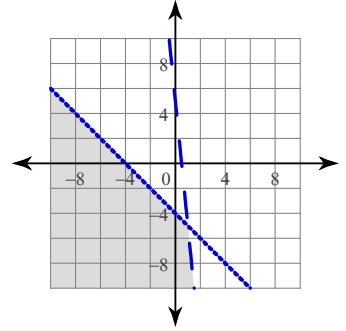
18)



21)



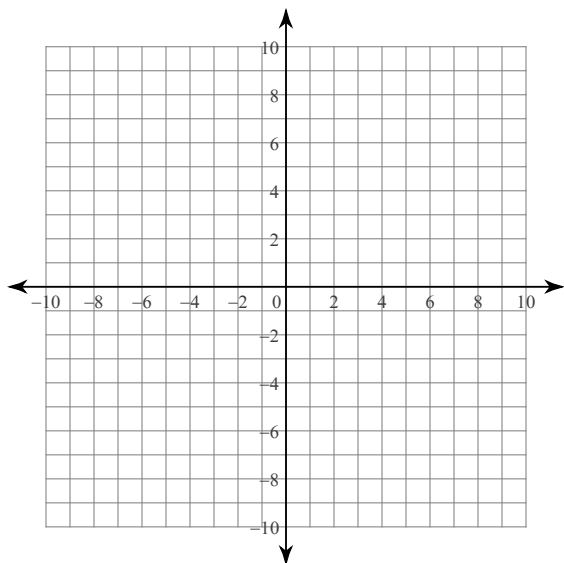
24)



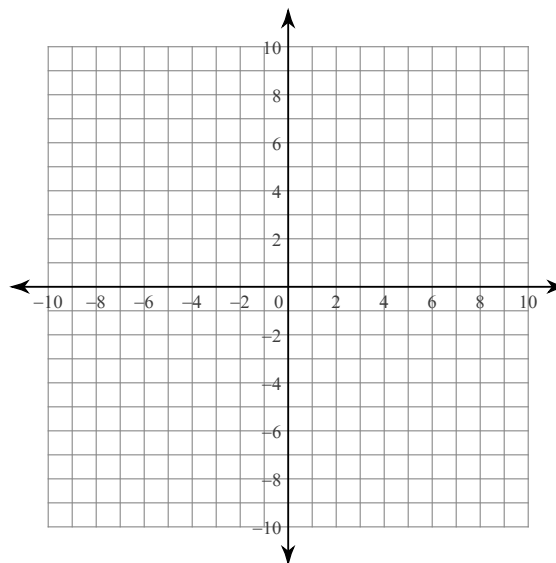
Assignment

Sketch the solution to each system of inequalities.

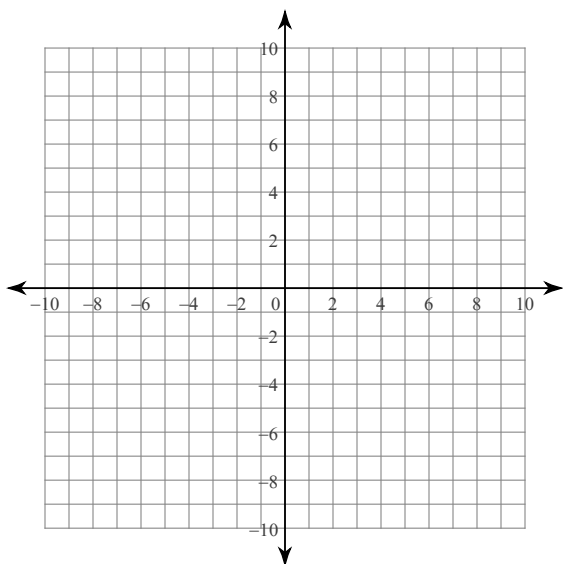
1) $7x + 5y > 10$
 $x - 5y < 30$



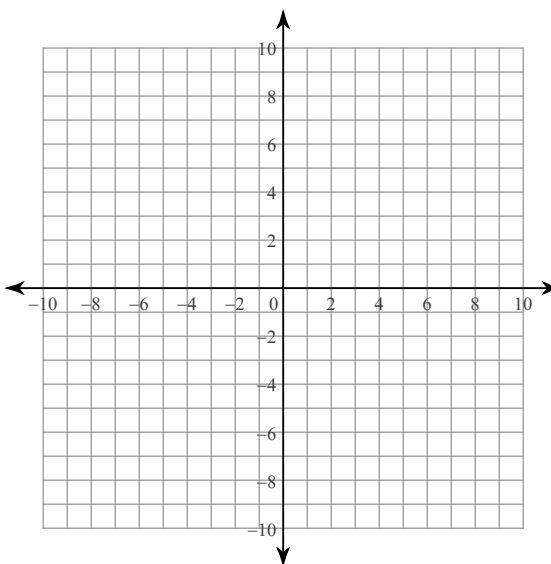
2) $2x - 5y \leq -15$
 $x \leq 5$



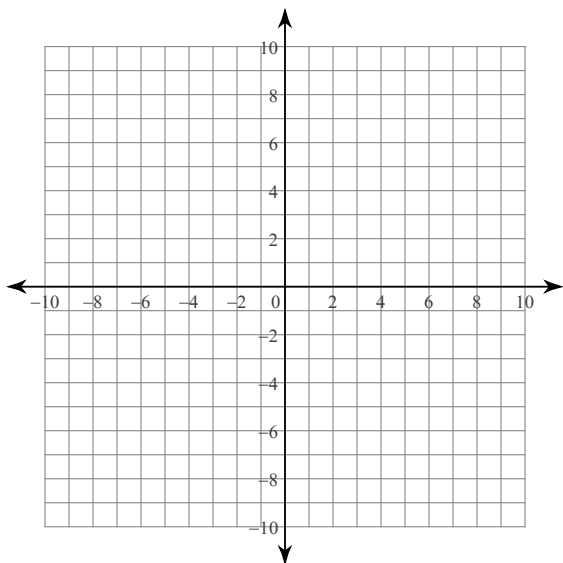
3) $7x - 3y \leq 15$
 $x + 3y \leq 9$



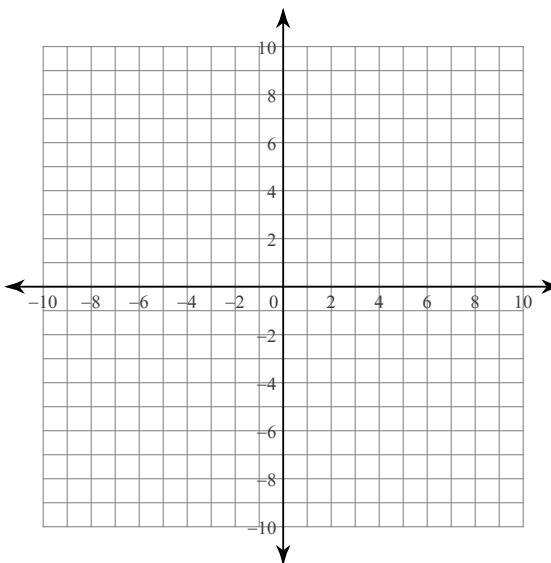
4) $x - 6y \geq -42$
 $5x - 6y \geq -18$



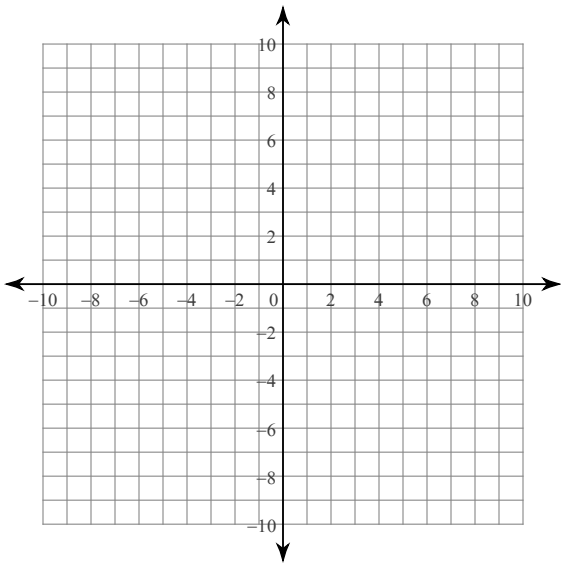
5) $x + 8y \leq -24$
 $x + 8y > -40$



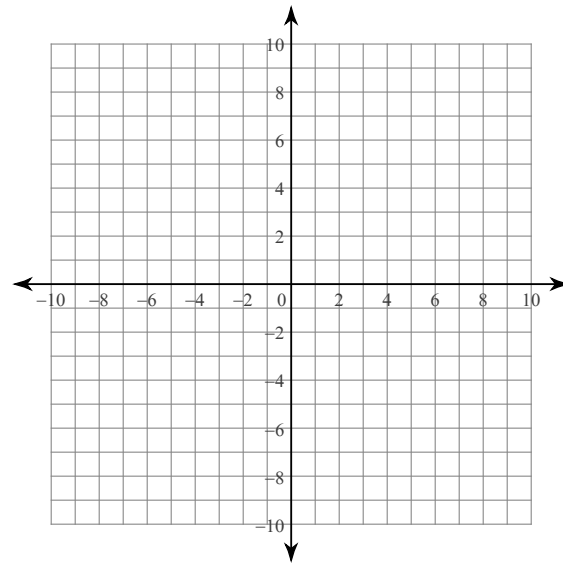
6) $7x + 4y > 32$
 $3x - 4y > 8$



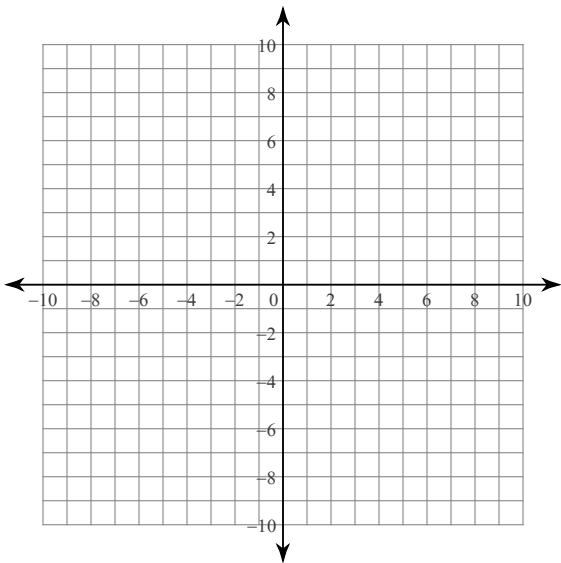
7) $3x + 4y < 20$
 $9x + 4y \geq -4$



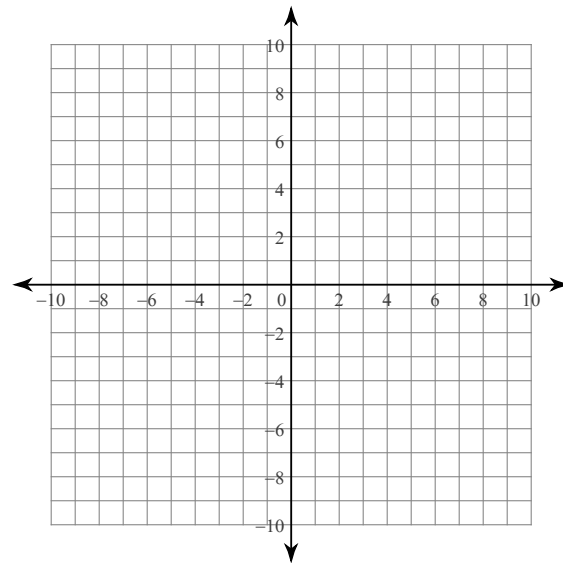
8) $x - y < -1$
 $y < -3$



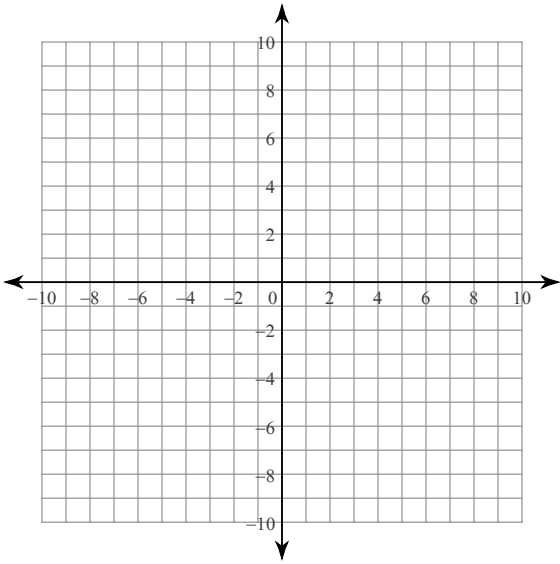
9) $x - 4y \geq 16$
 $9x - 8y > -24$



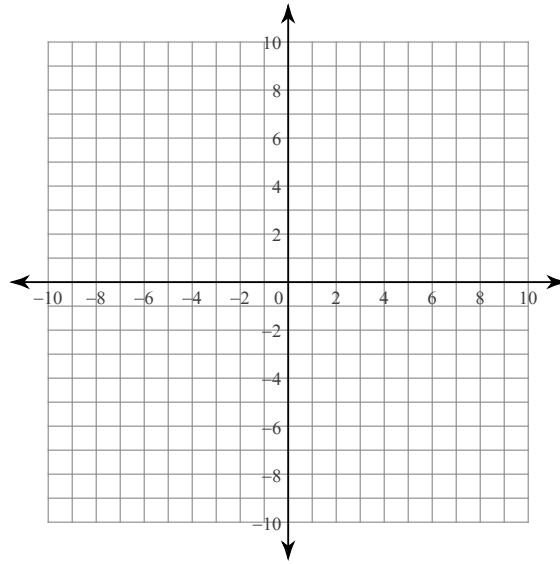
10) $3x - 8y \leq -64$
 $5x + 4y > -20$



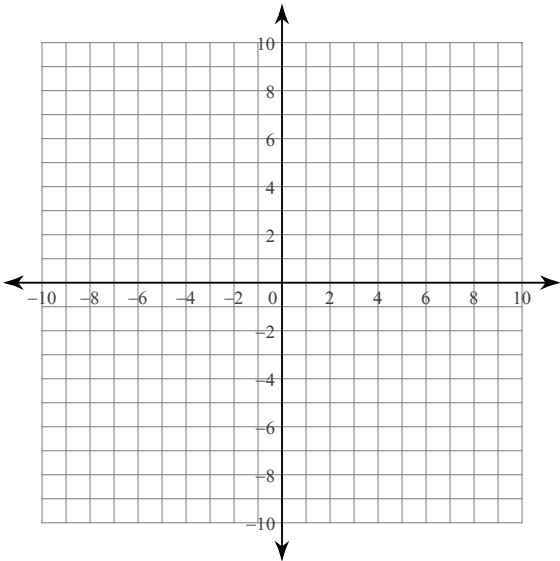
11) $x \geq -4$
 $x - y > -8$



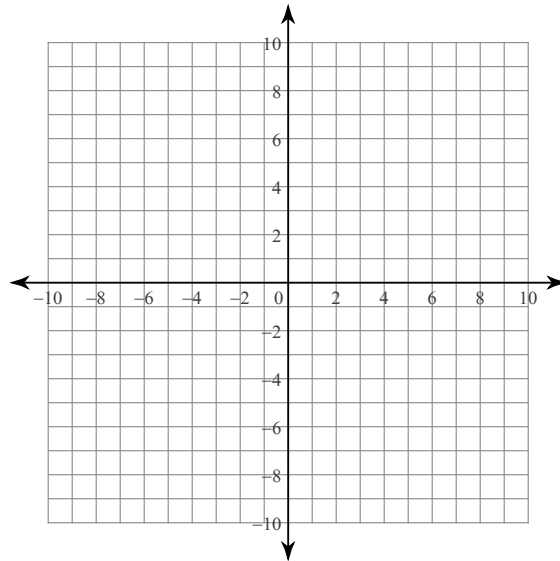
12) $5x - 2y > 16$
 $2x - 3y > -9$



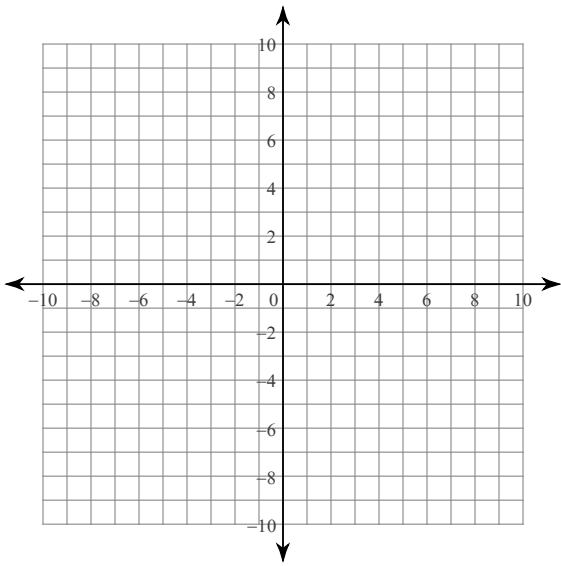
13) $9x + 2y < -16$
 $x - y > -3$



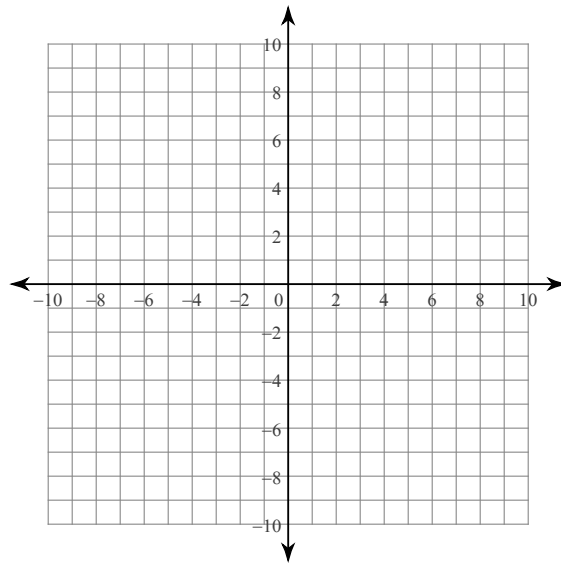
14) $x + 5y > -30$
 $3x + y > 8$



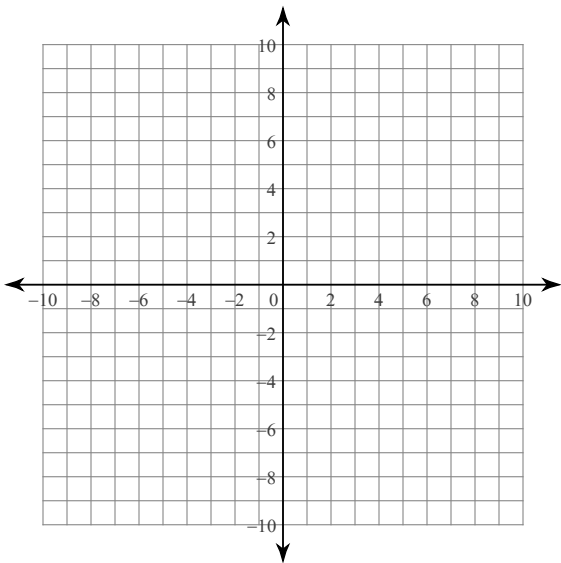
15) $x + 2y \geq 16$
 $3x - 4y < 8$



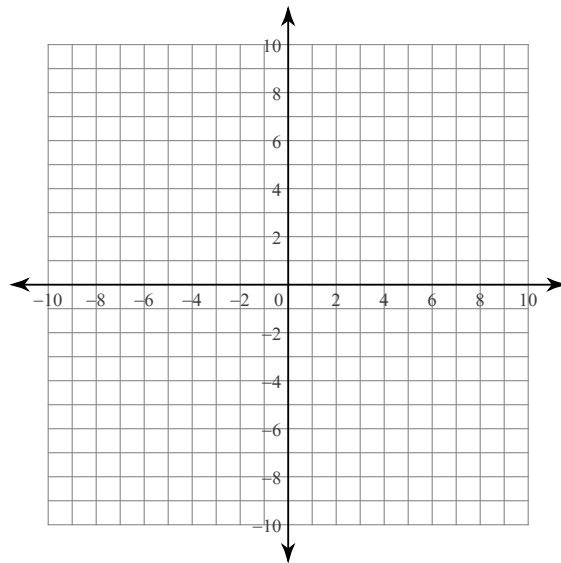
16) $5x + 4y < -28$
 $3x - 8y > -48$



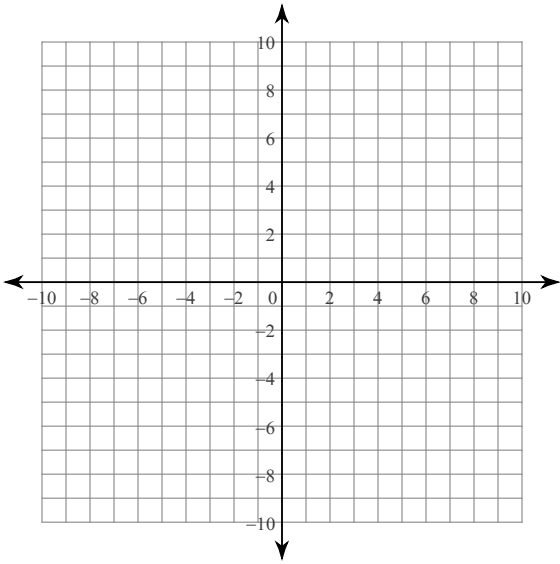
17) $y < -3$
 $5x - 4y > -28$



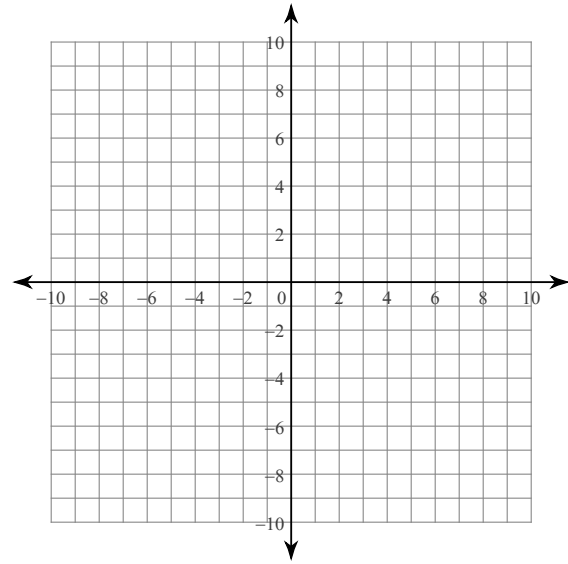
18) $x + y \geq -8$
 $5x - 2y > -12$



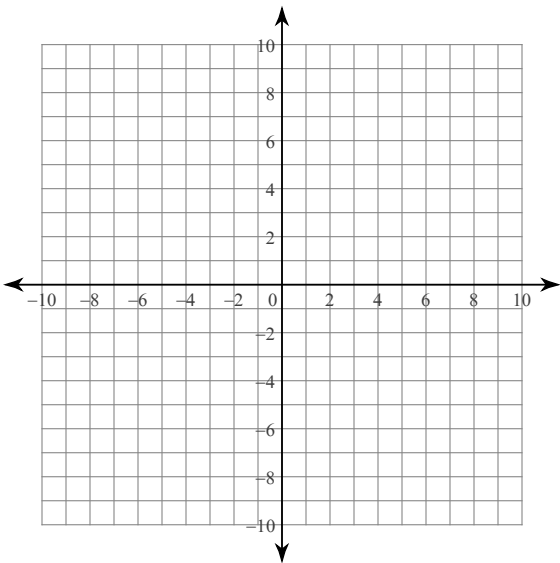
19) $3x + 4y \leq 12$
 $x - 2y < -16$



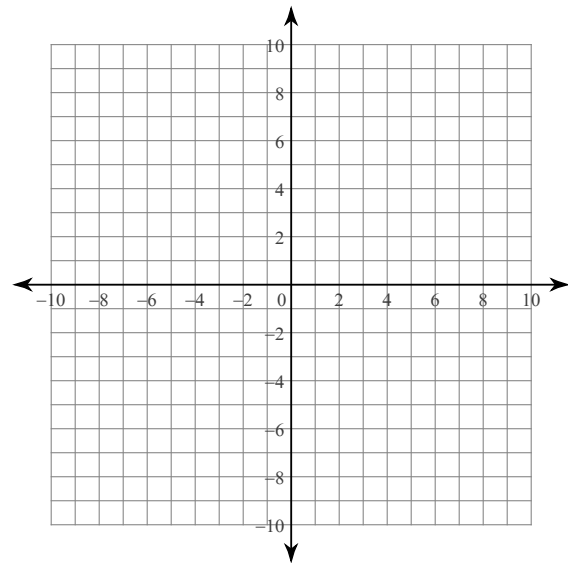
20) $9x + y \geq 8$
 $x - y > 2$



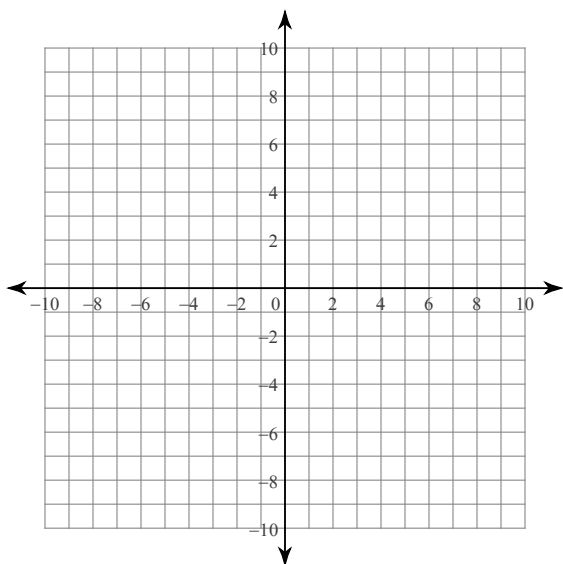
21) $x + 2y < 2$
 $2x + y > -5$



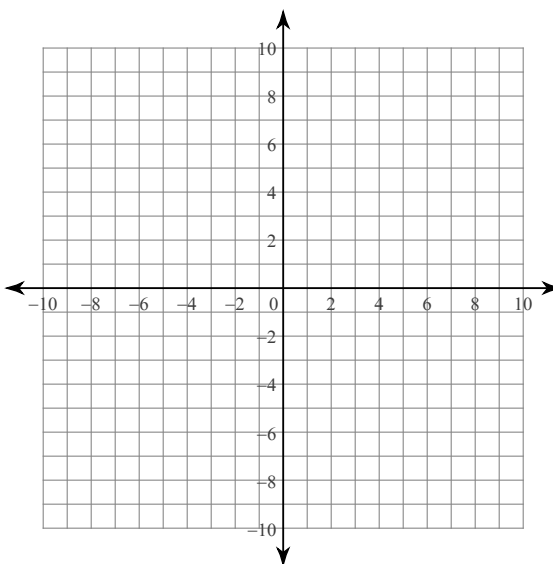
22) $5x - 4y < -12$
 $x \geq -8$



23) $4x + 5y > -20$
 $13x + 5y > 25$

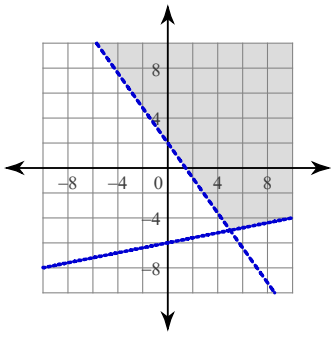


24) $10x - 3y < 12$
 $2x + 3y \geq 24$

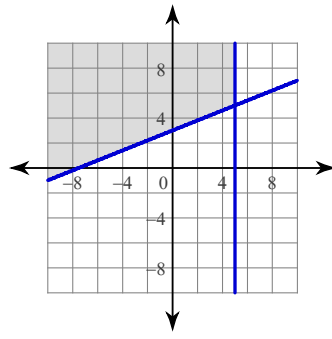


Answers to Assignment (ID: 7)

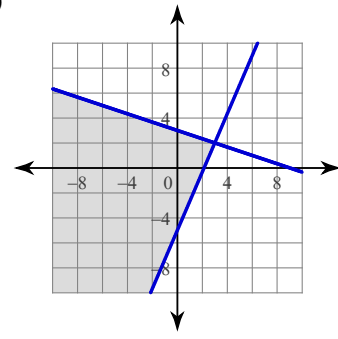
1)



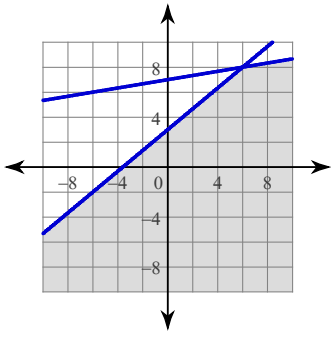
2)



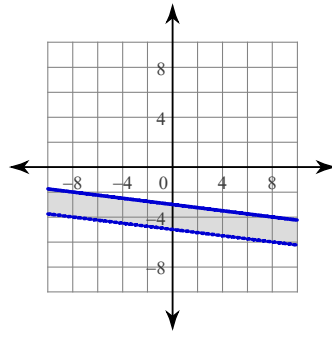
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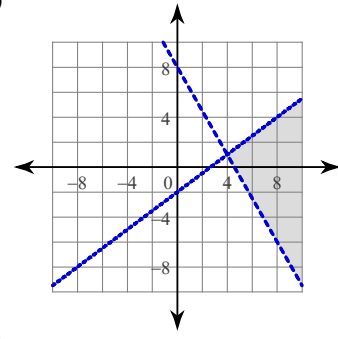
4)



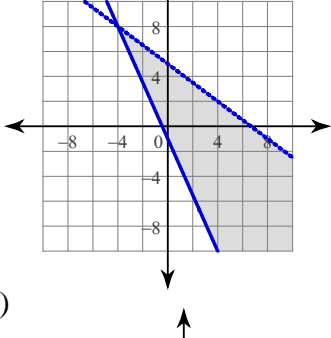
5)



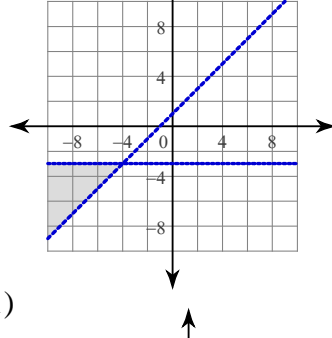
6)



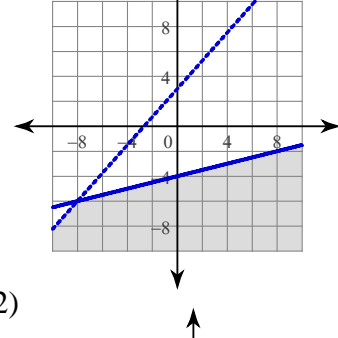
7)



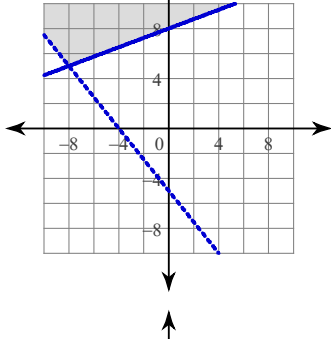
8)



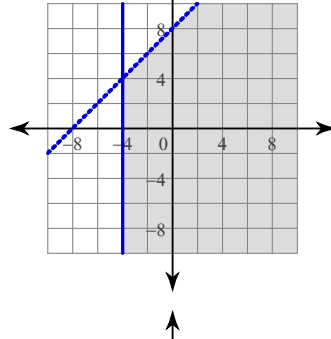
9)



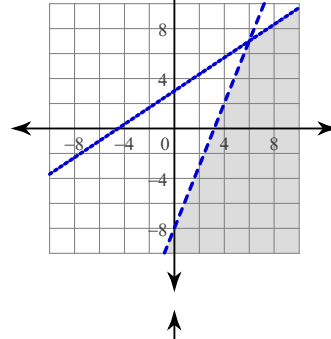
10)



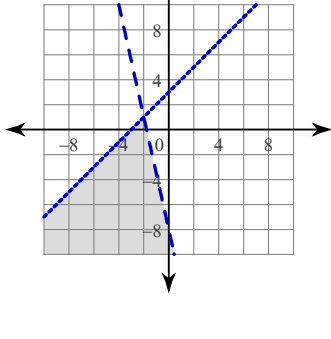
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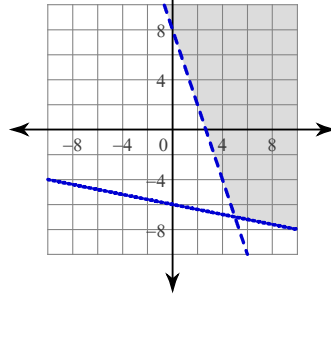
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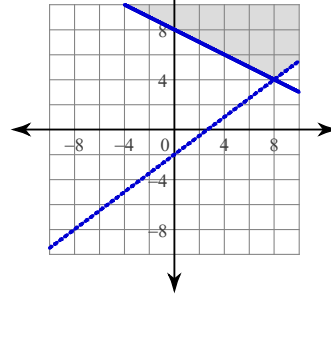
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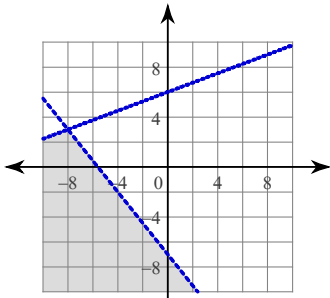
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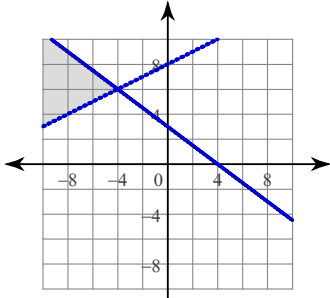
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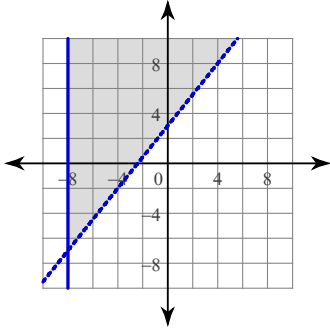
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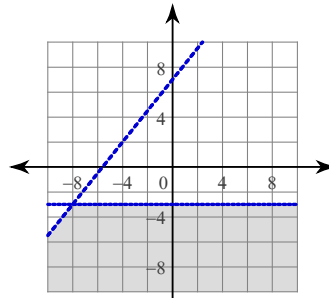
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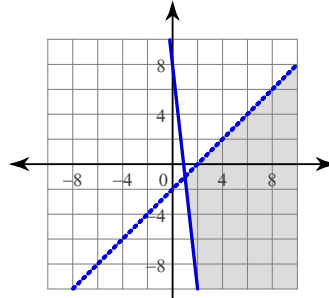
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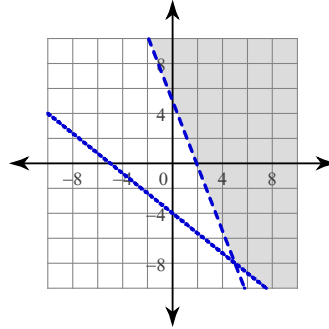
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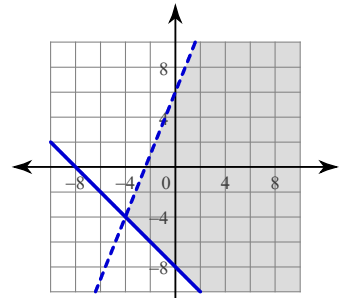
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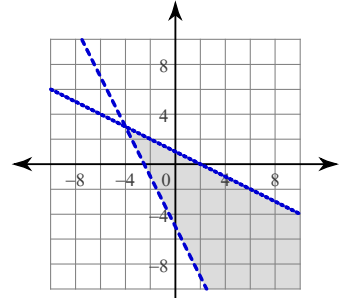
23)



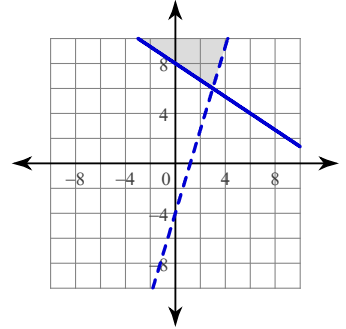
18)



21)



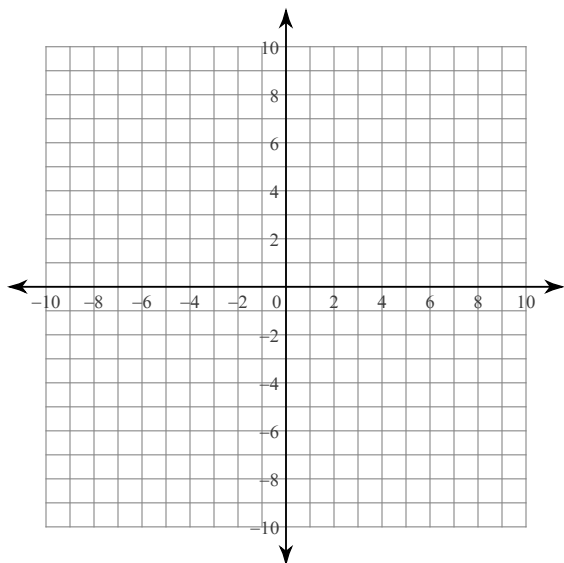
24)



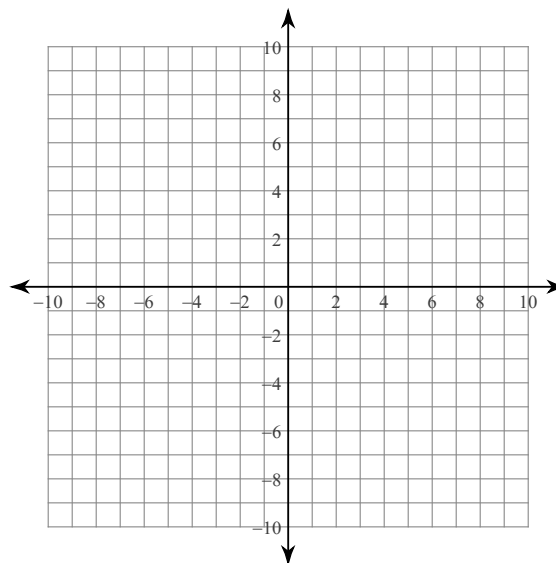
Assignment

Sketch the solution to each system of inequalities.

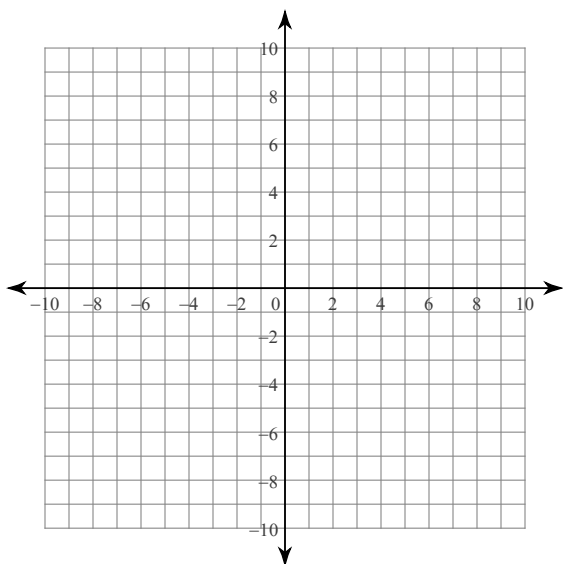
1) $x - 5y \geq 10$
 $x + y \leq 4$



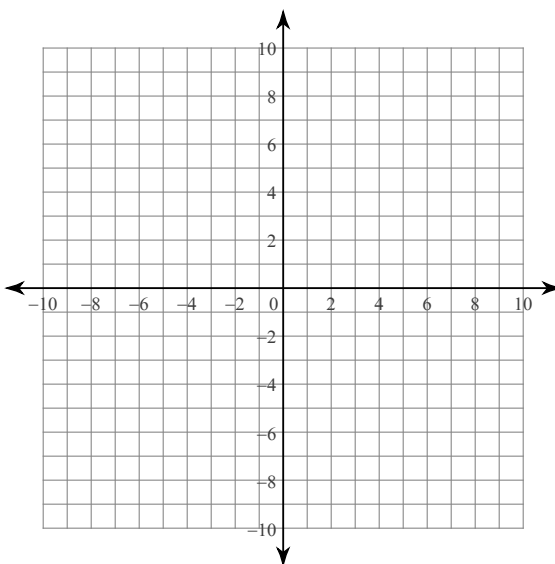
2) $12x + 5y > 35$
 $2x - 5y \leq 35$



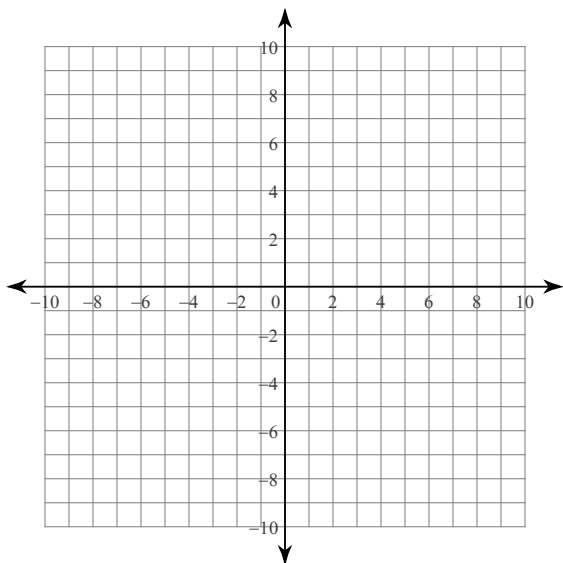
3) $x - 2y < -6$
 $5x - 2y > 10$



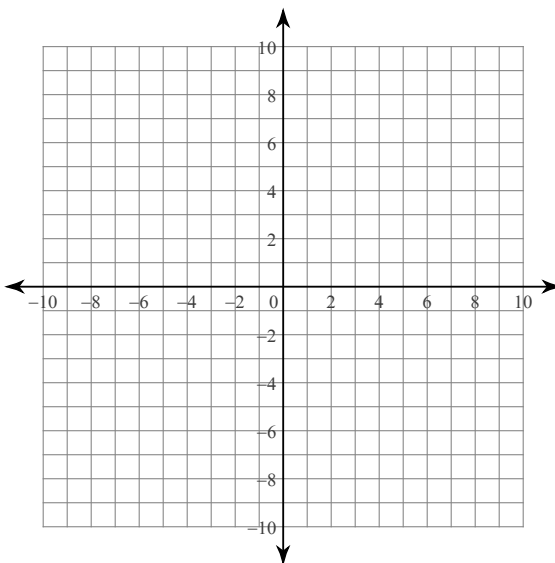
4) $5x + 4y \geq -8$
 $x \geq -8$



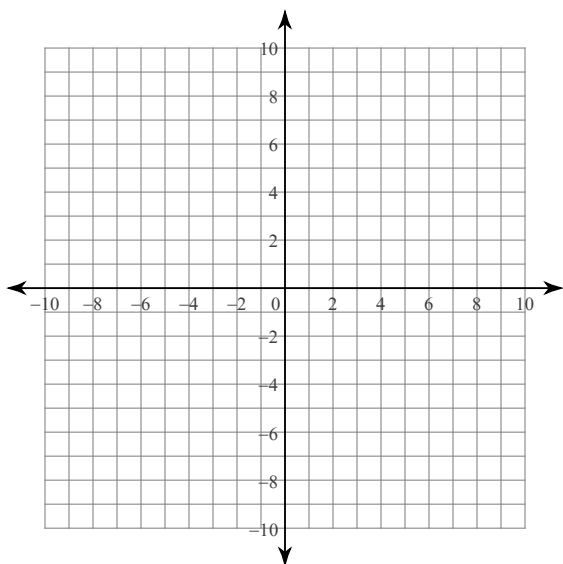
5) $5x - 8y \geq -56$
 $7x + 8y > -40$



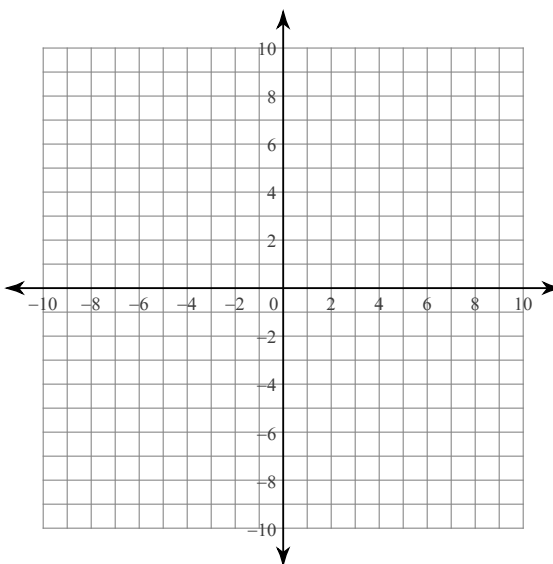
6) $3x + y \geq -2$
 $x - y > -6$



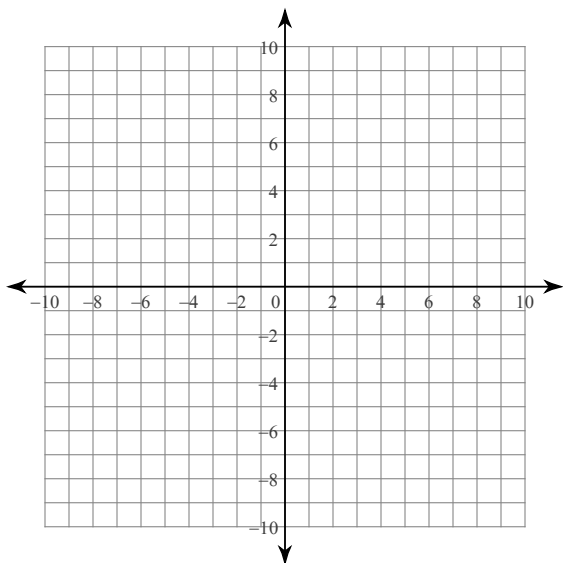
7) $y > 8$
 $7x + 4y < 4$



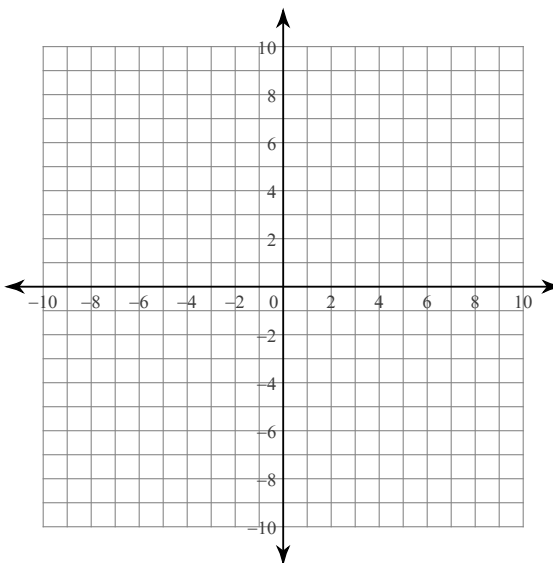
8) $3x - 2y \geq -2$
 $x + 2y \geq -14$



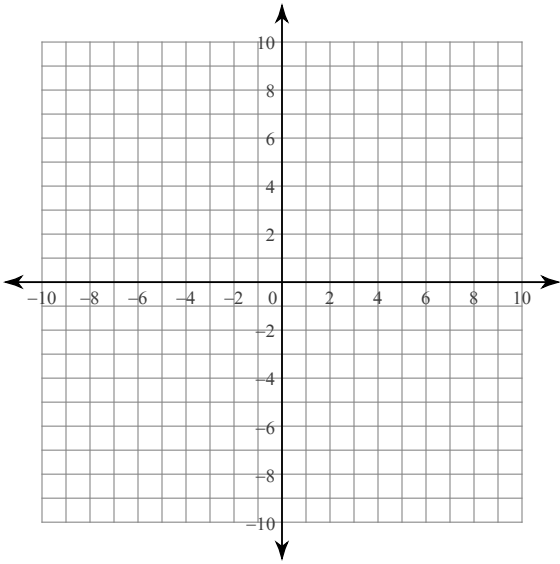
9) $5x + 4y > -16$
 $3x - 2y > -14$



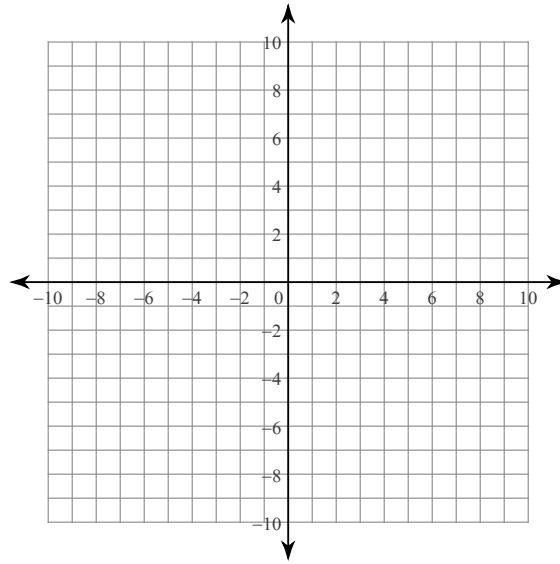
10) $x + 8y > -24$
 $x - 2y < -4$



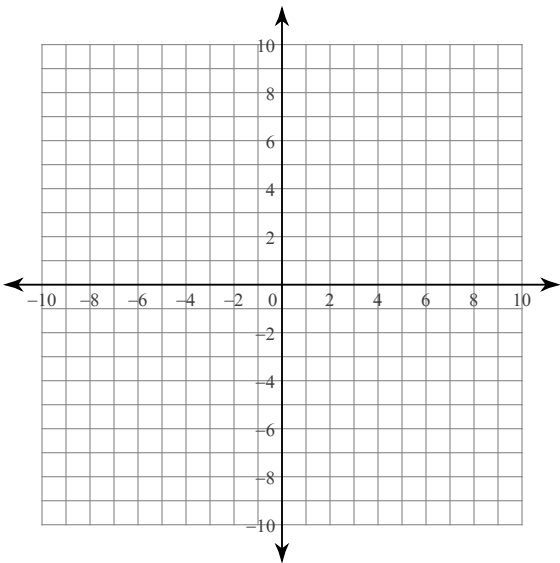
11) $x - y > 8$
 $5x + y < 4$



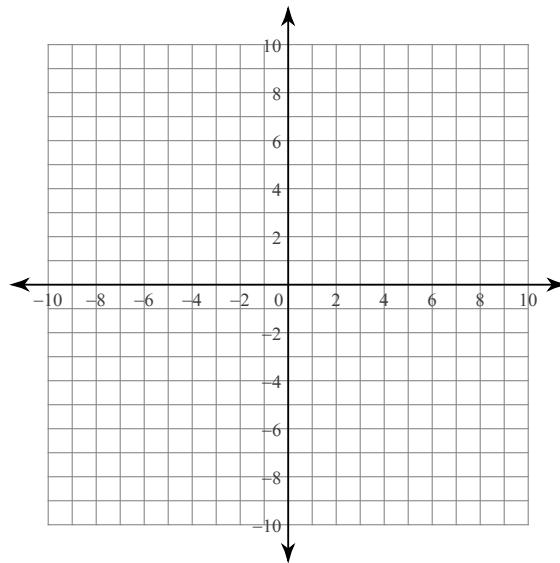
12) $x + 5y < -10$
 $3x - 5y \leq 30$



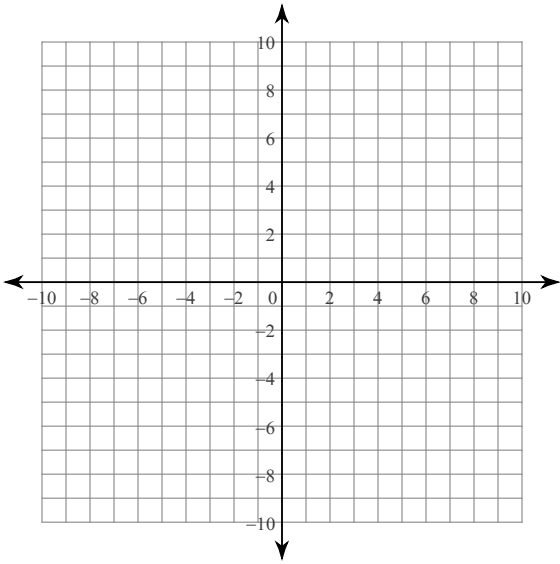
13) $3x + 7y \geq -14$
 $2x - 7y < -21$



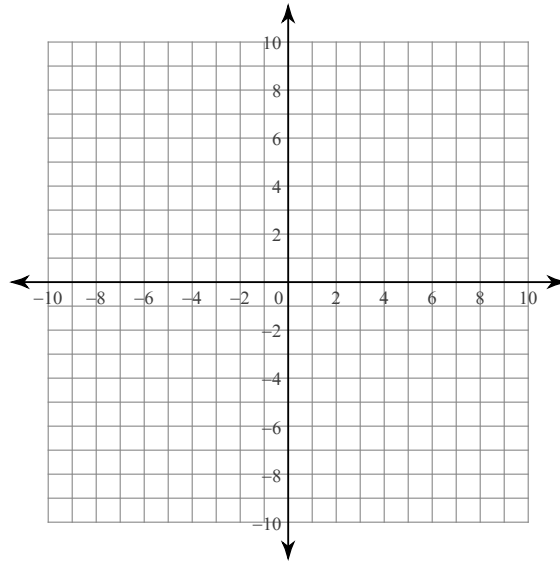
14) $3x - 4y < -4$
 $5x - 2y \geq 12$



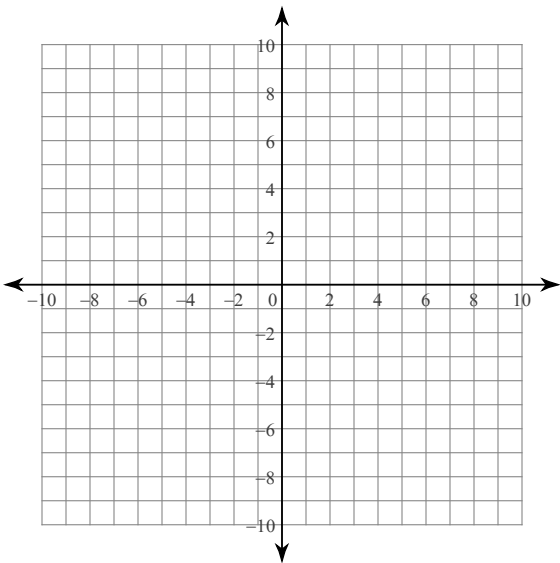
15) $2x + y \geq 1$
 $x - 4y < 32$



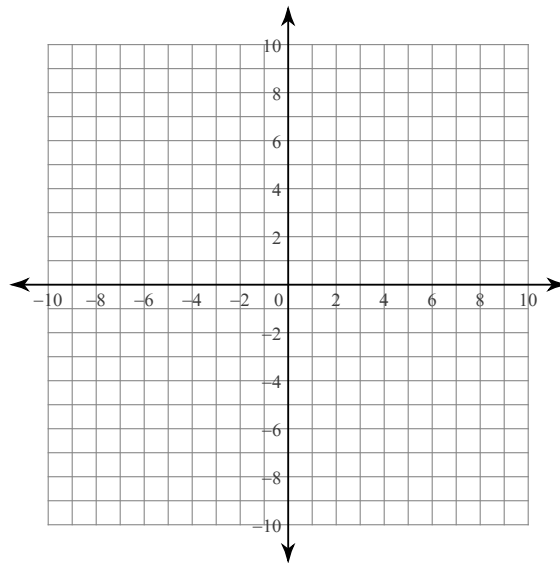
16) $x + 2y < 6$
 $x - 8y \leq -64$



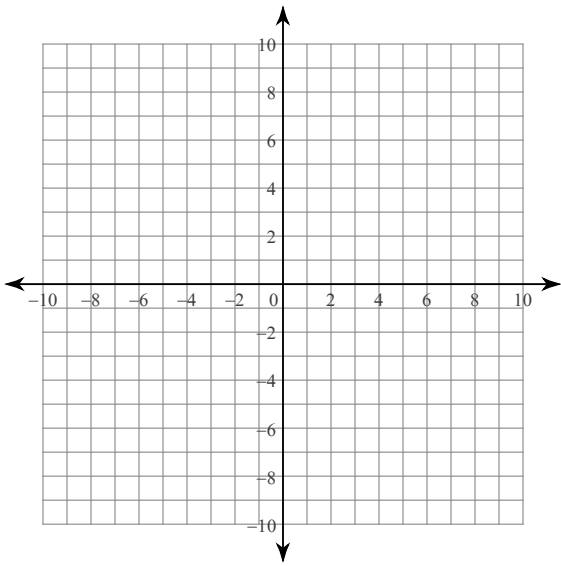
17) $11x - 5y < -35$
 $3x + 5y > -35$



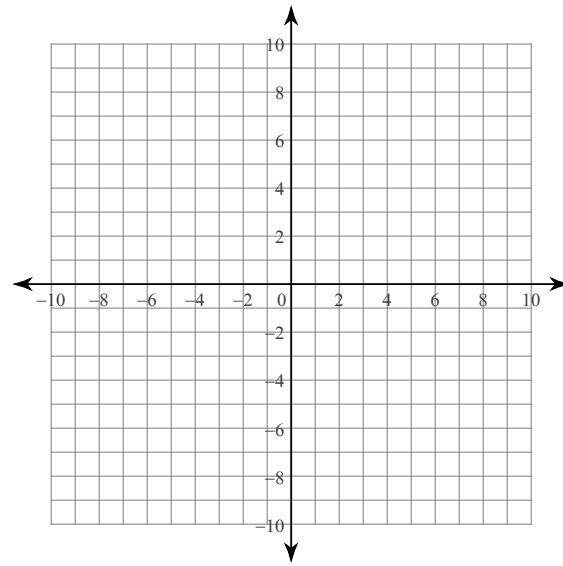
18) $3x + 8y \leq -48$
 $5x - 4y < -28$



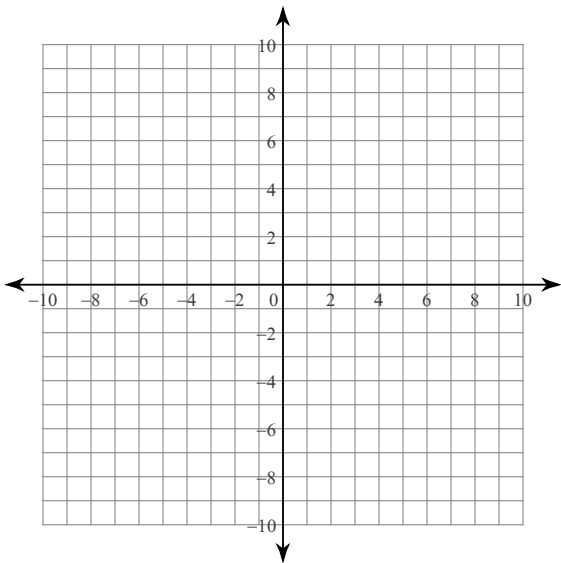
19) $5x - 4y \geq 28$
 $3x + 8y < 48$



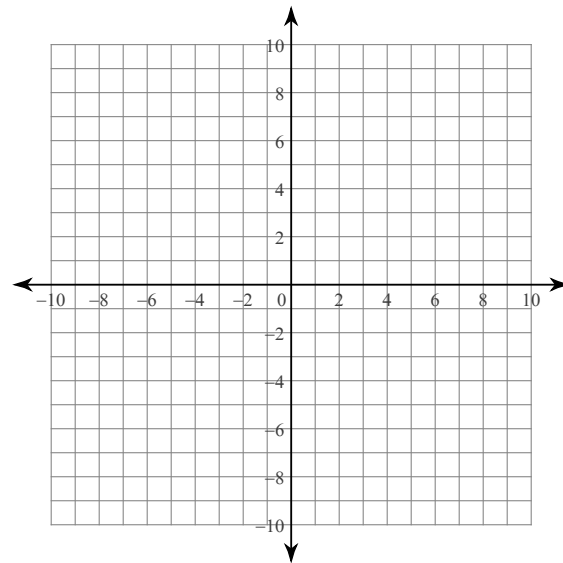
20) $x + 2y > 8$
 $x - 4y \leq -28$



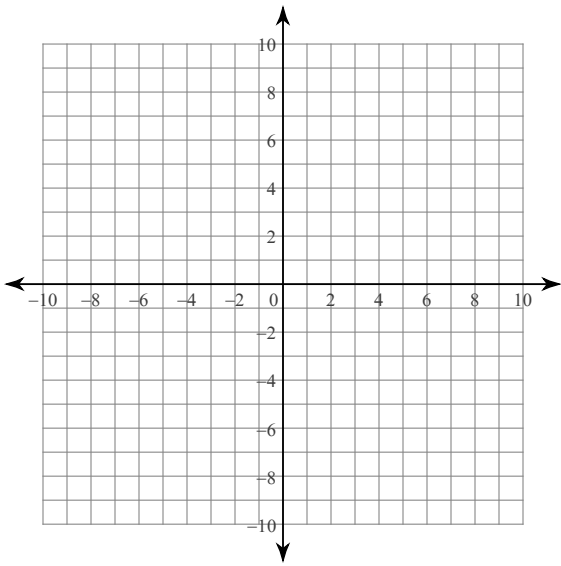
21) $3x - 5y > 20$
 $9x + 5y > 40$



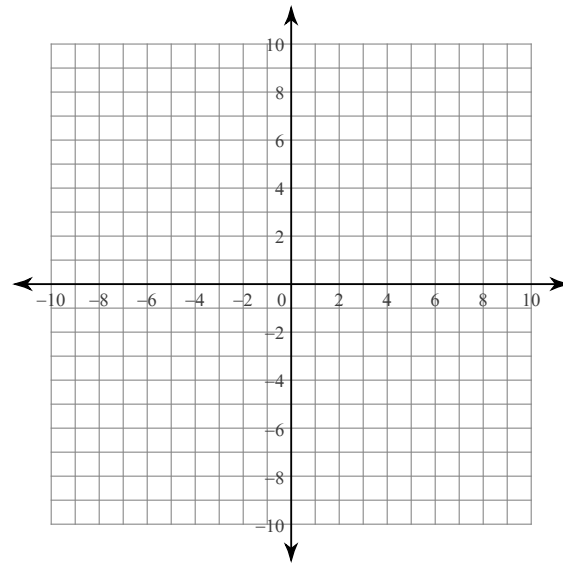
22) $5x - 4y \leq -4$
 $x + 2y < -12$



23) $y < 2$
 $3x + 2y \geq 16$

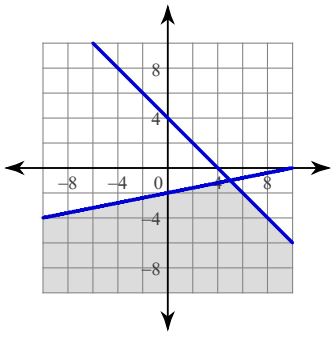


24) $14x + 3y > 21$
 $2x + 3y < -15$

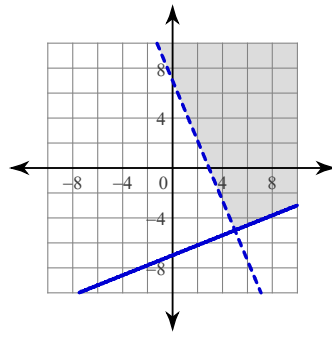


Answers to Assignment (ID: 8)

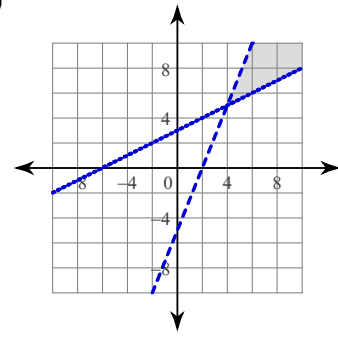
1)



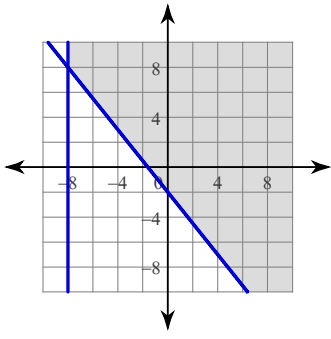
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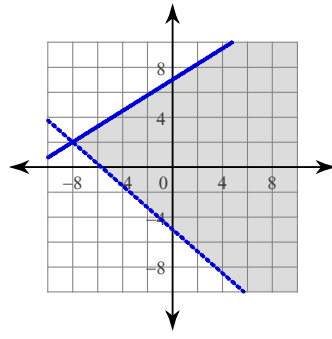
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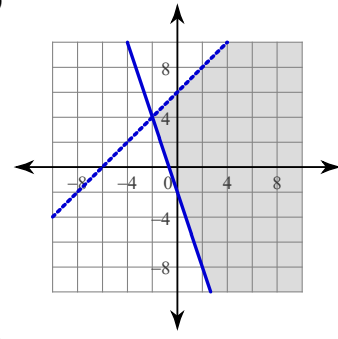
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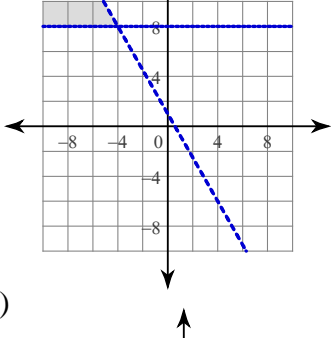
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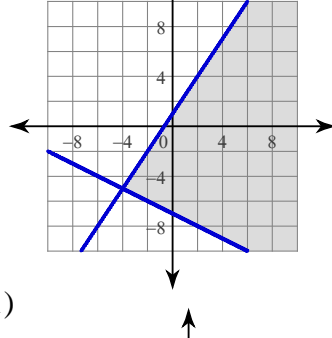
6)



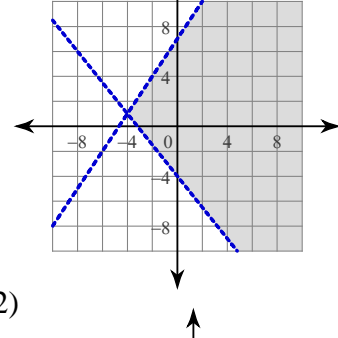
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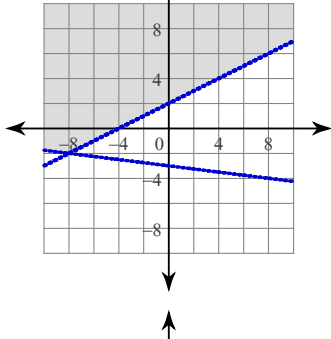
8)



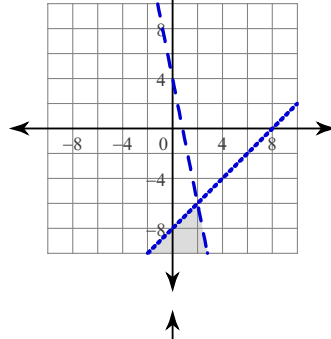
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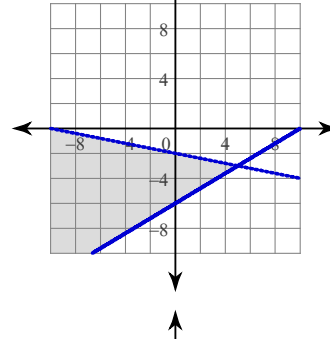
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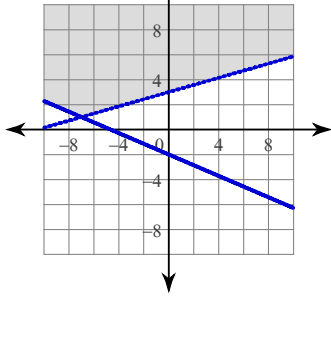
11)



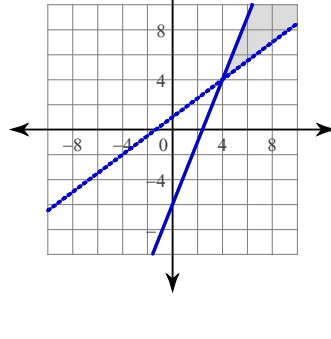
12)



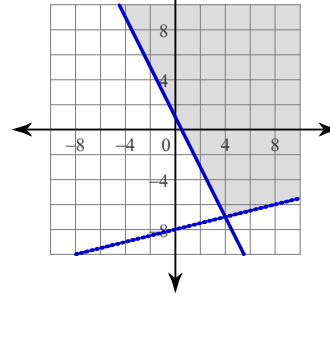
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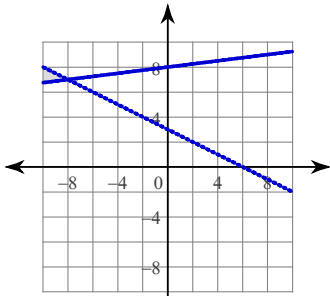
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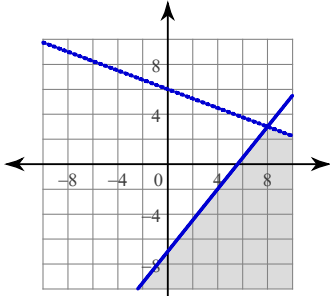
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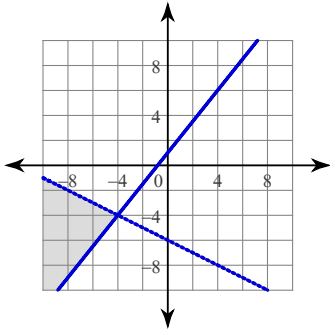
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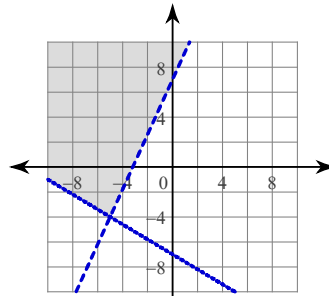
19)



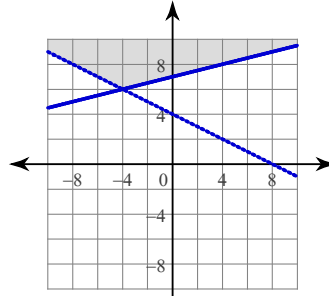
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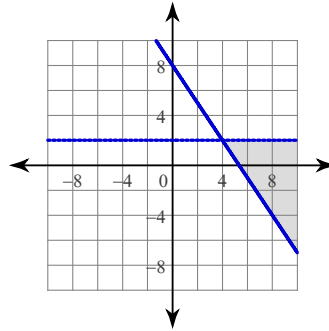
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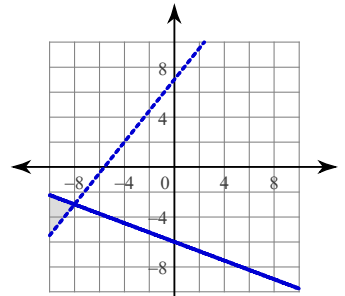
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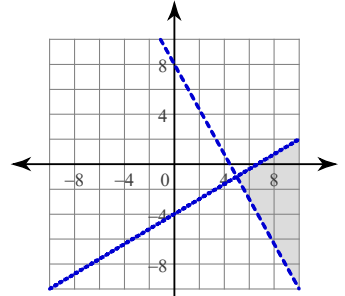
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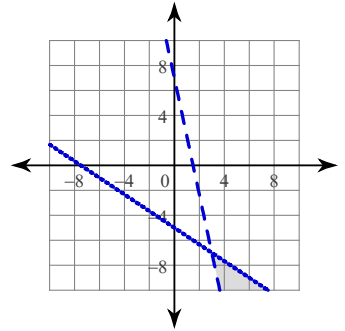
18)



21)



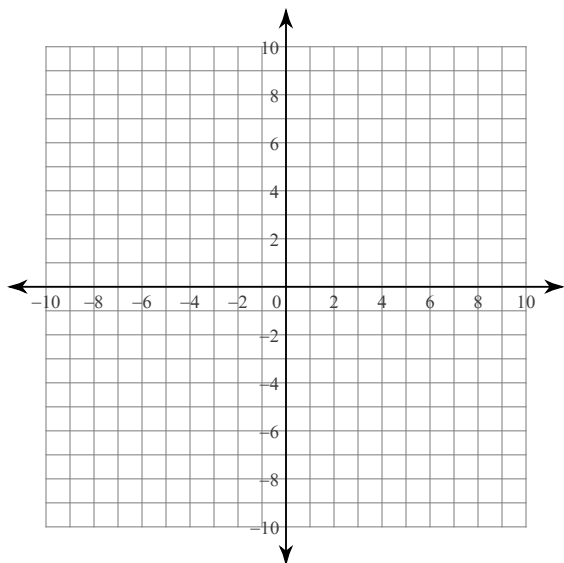
24)



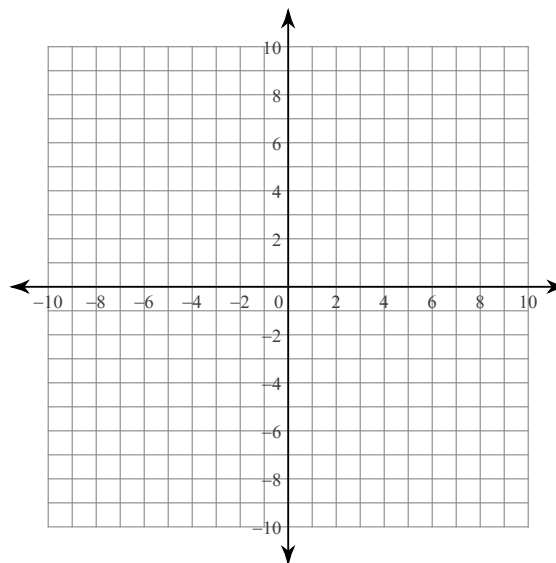
Assignment

Sketch the solution to each system of inequalities.

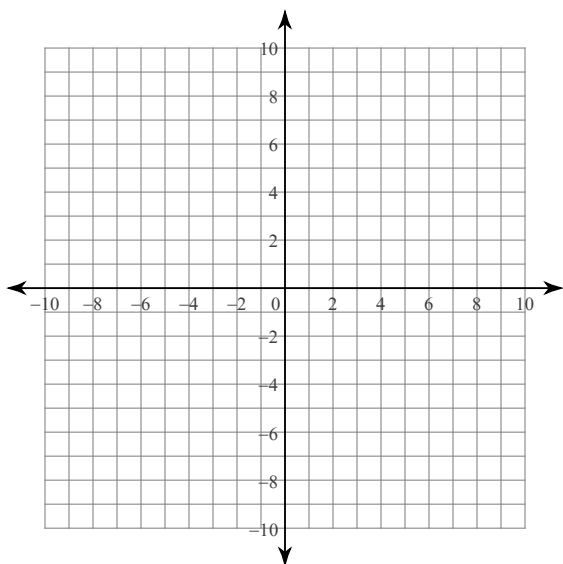
1) $9x - 8y > 24$
 $x > 8$



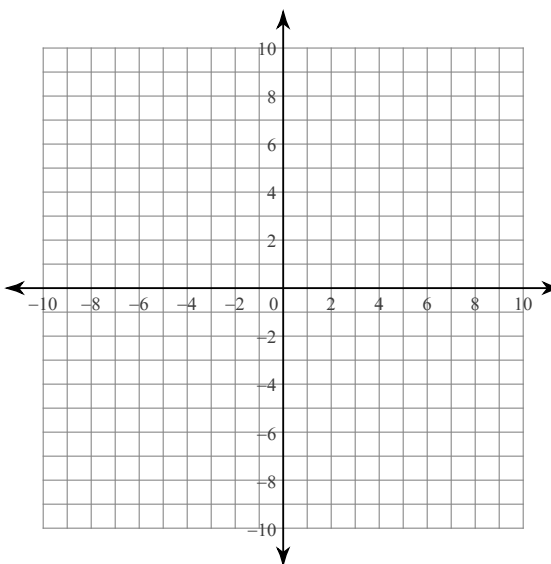
2) $x + y < 2$
 $x - 4y > 12$



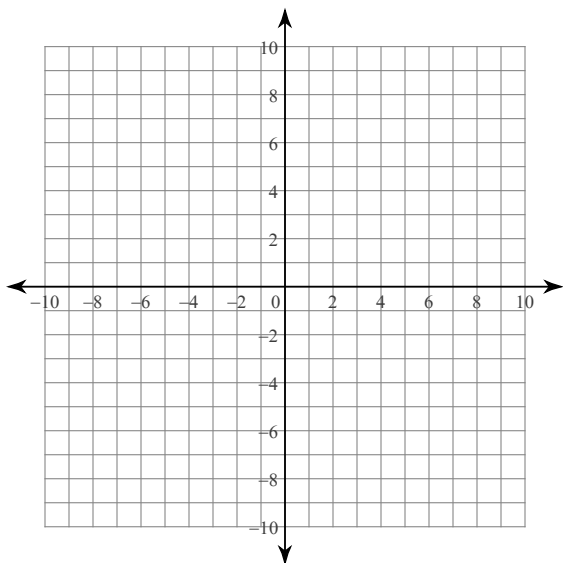
3) $13x + 4y \leq 20$
 $3x + 4y < -20$



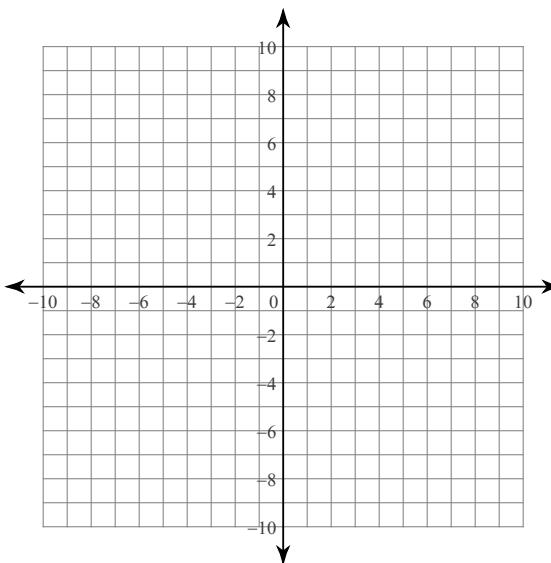
4) $3x + 8y \leq -64$
 $7x - 8y \geq -16$



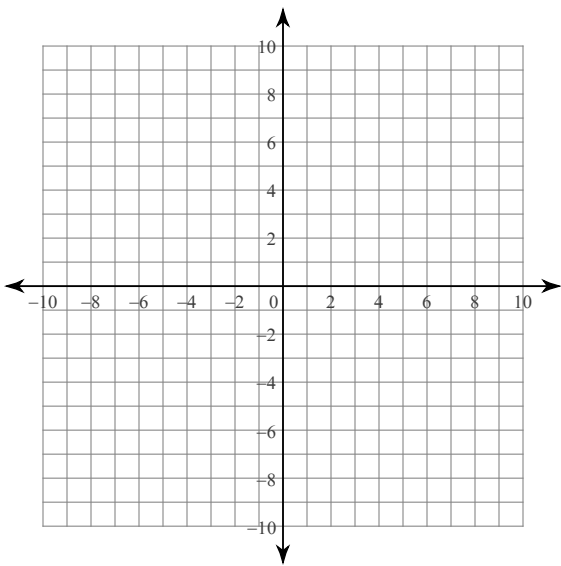
5) $5x - 8y > -56$
 $7x + 8y \geq -40$



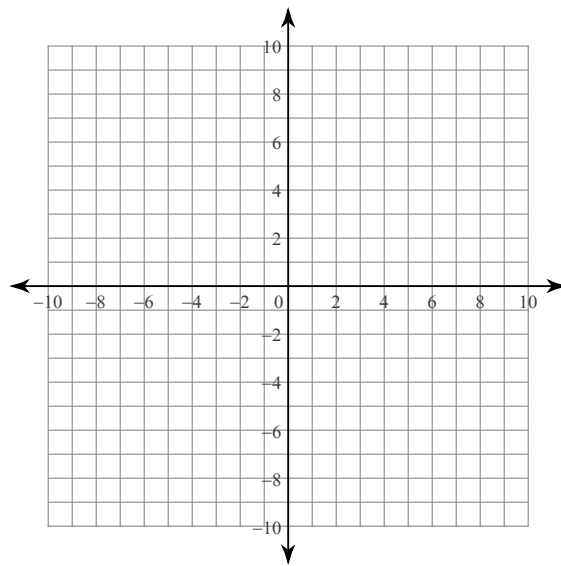
6) $x - 3y \leq 12$
 $5x + 3y > 24$



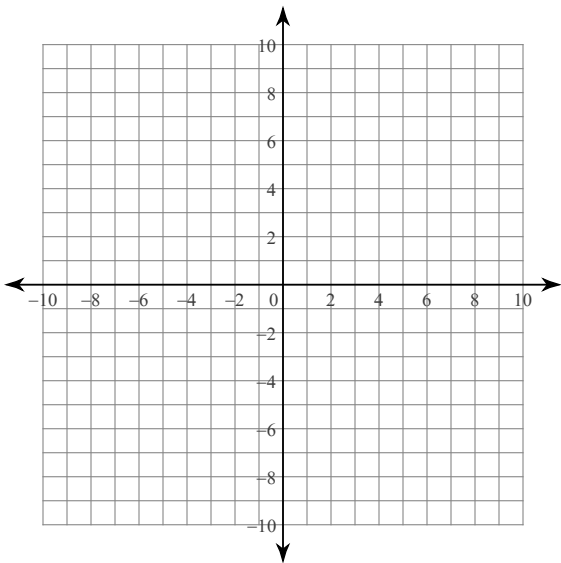
7) $11x - 4y > -24$
 $y > -5$



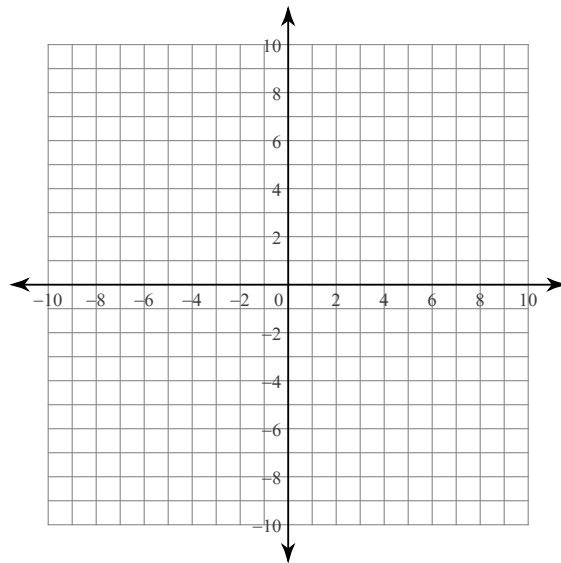
8) $15x - 8y < 56$
 $x - 2y > -8$



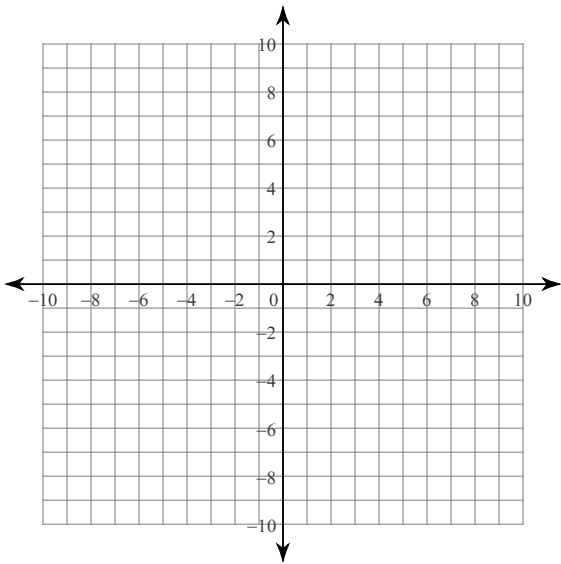
9) $x + 2y \geq 6$
 $11x + 4y \geq -24$



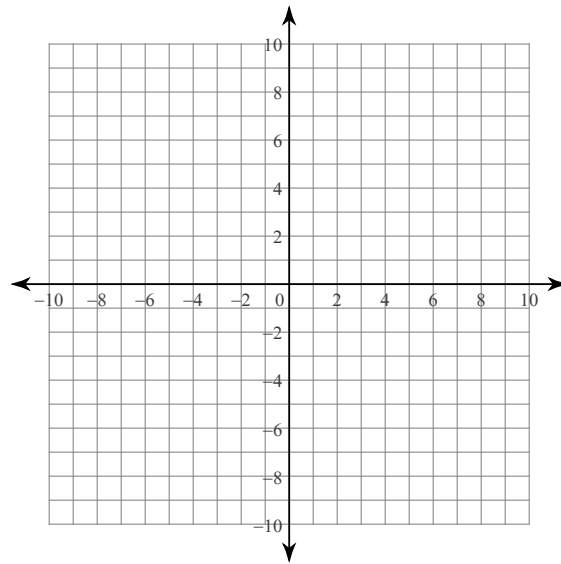
10) $3x + 4y \leq -8$
 $x - y > -5$



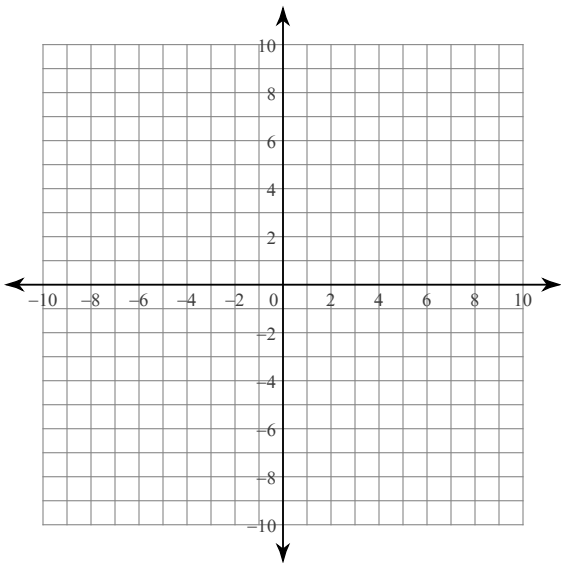
11) $x < -7$
 $x + 7y \leq 21$



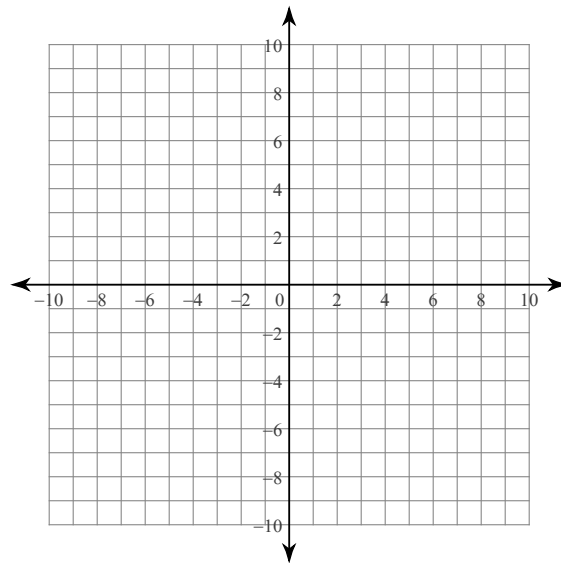
12) $4x - y < 8$
 $x - 4y \leq -28$



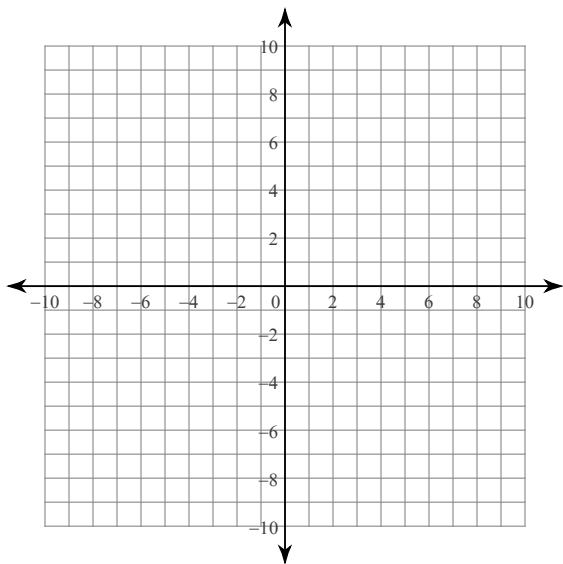
13) $11x + 4y > 32$
 $y \leq -3$



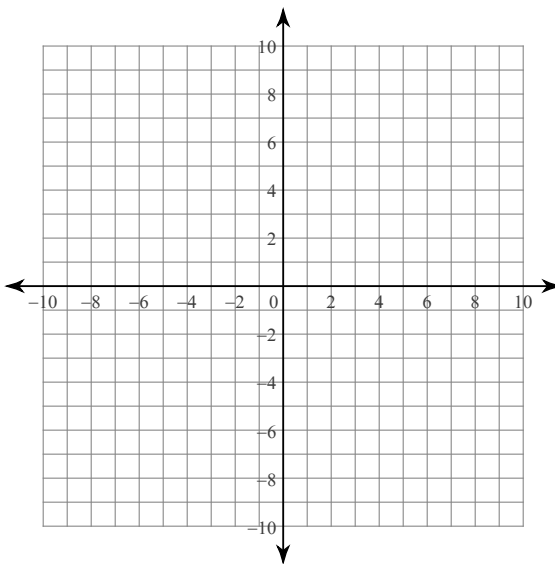
14) $9x - 4y > -12$
 $x - 4y \geq 20$



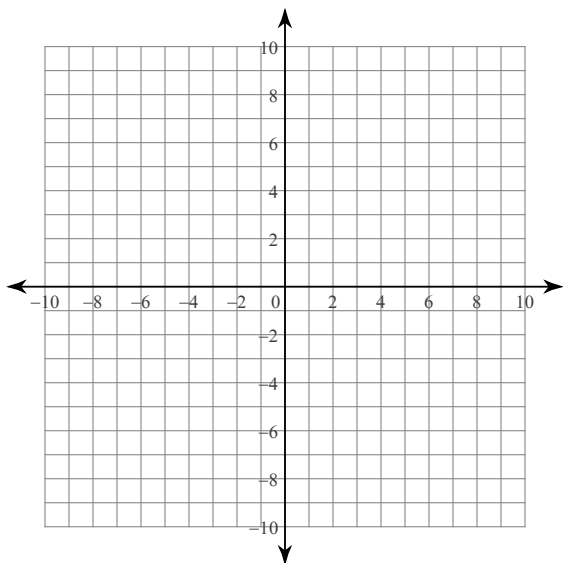
15) $x - 2y > 14$
 $7x - 2y \leq 2$



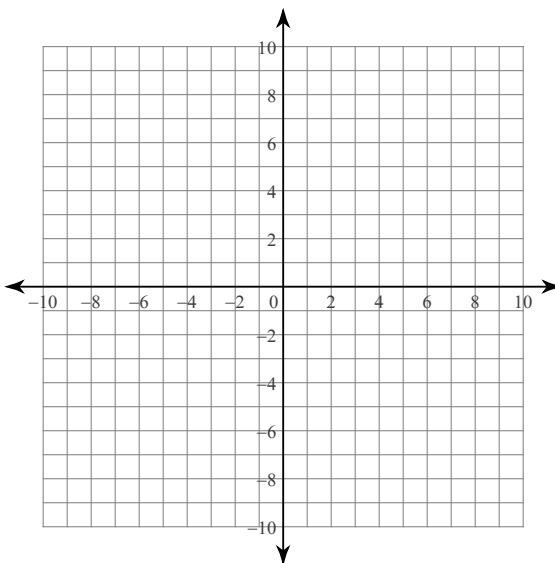
16) $x - 2y \geq -6$
 $x - 2y \geq -16$



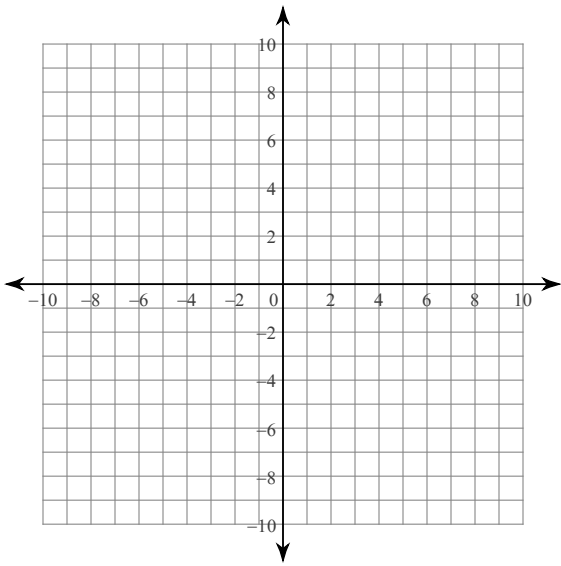
17) $5x - 4y < 4$
 $x + 4y < 20$



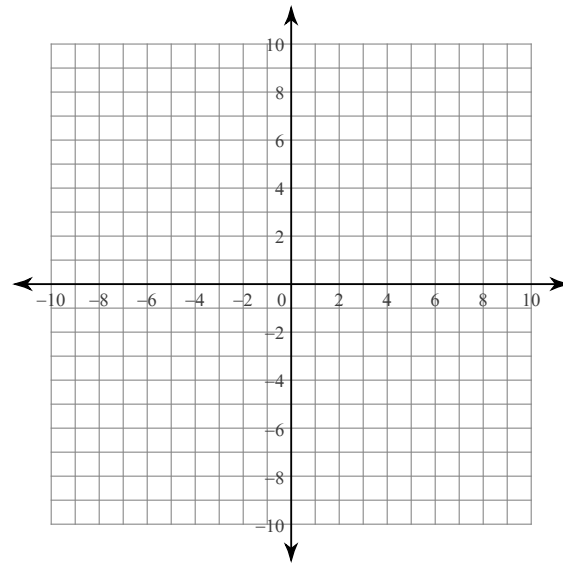
18) $11x - 4y \geq -16$
 $3x - 4y \leq 16$



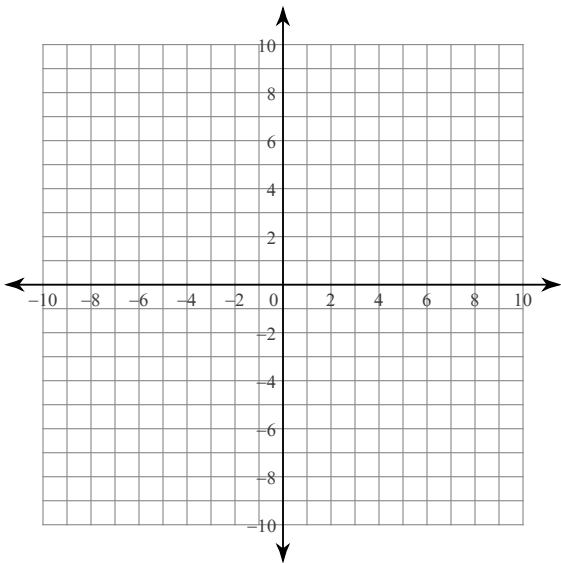
19) $x - 4y < 24$
 $11x + 8y > 56$



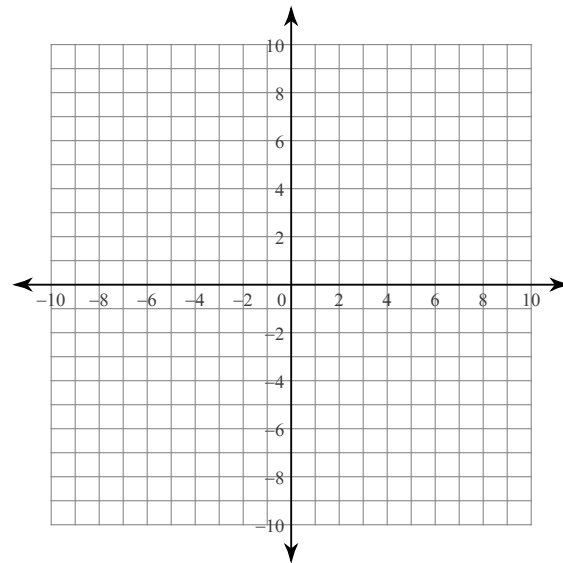
20) $x + 5y > 20$
 $9x - 5y \geq 30$



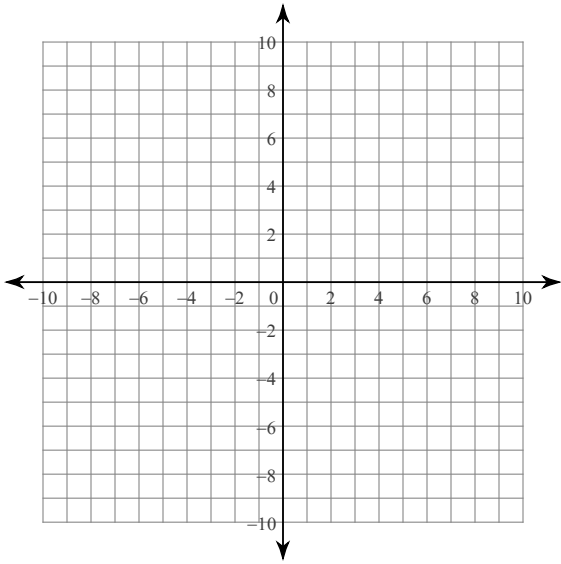
21) $x - 4y \leq 8$
 $3x - 2y \leq -16$



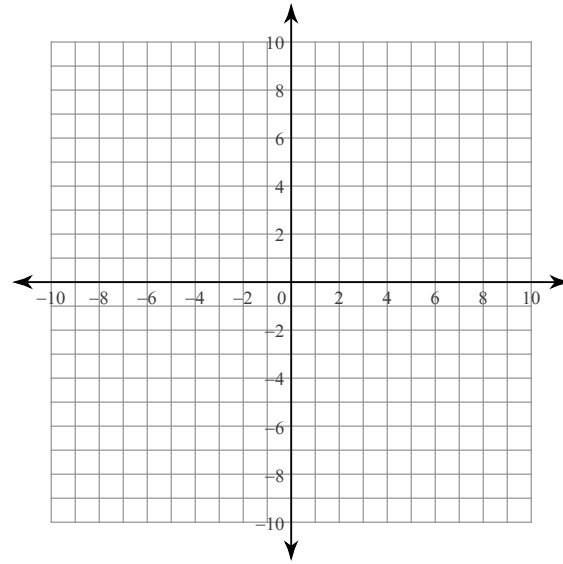
22) $2x + 5y < 20$
 $14x + 5y \leq -40$



23) $y \geq -7$
 $6x + 7y < -7$

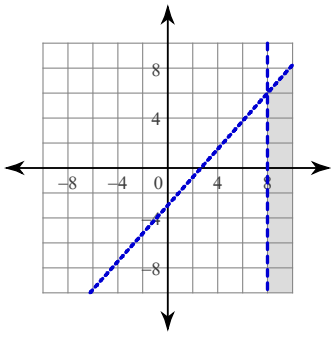


24) $9x + 4y < 20$
 $x + 4y < -12$

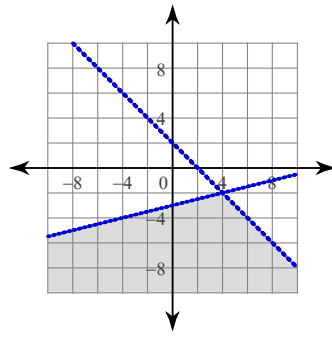


Answers to Assignment (ID: 9)

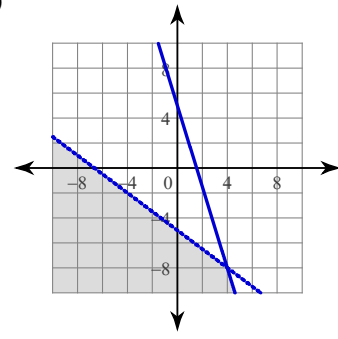
1)



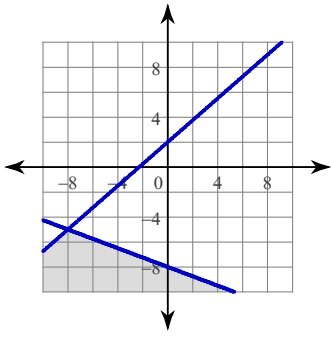
2)



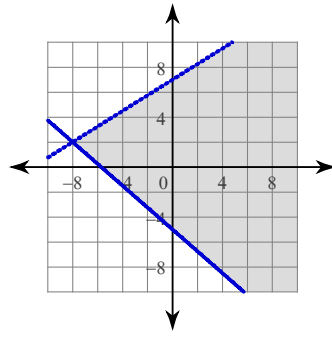
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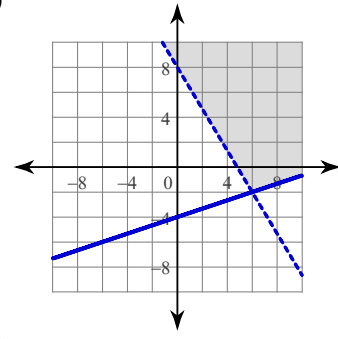
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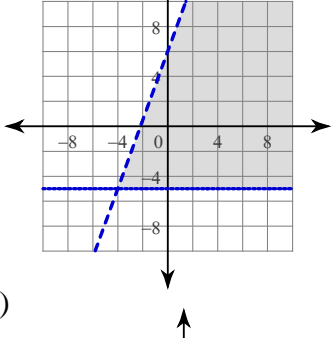
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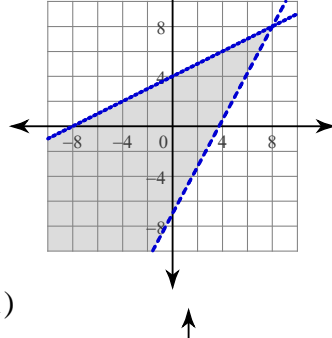
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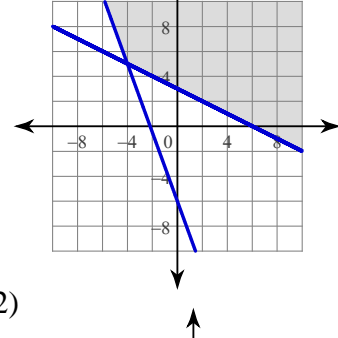
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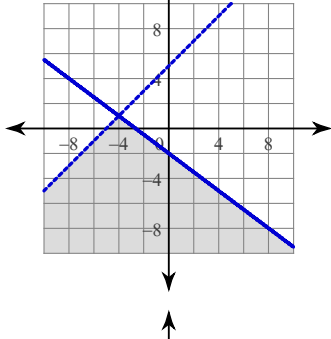
8)



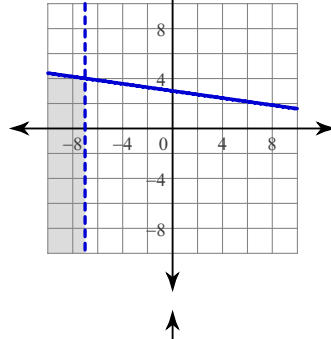
9)



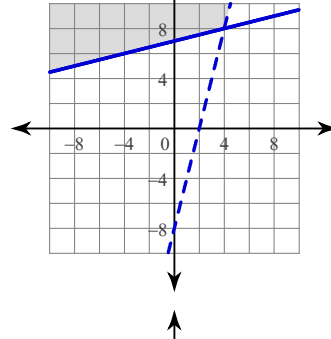
10)



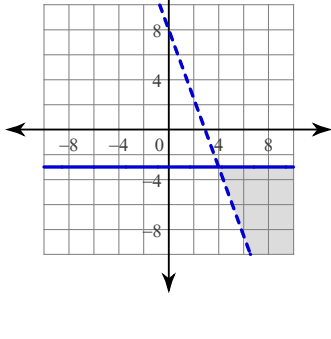
11)



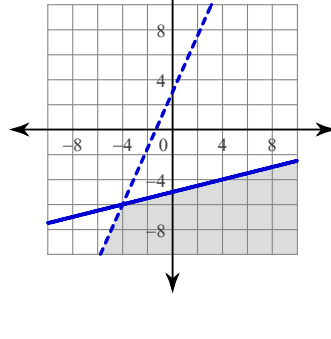
12)



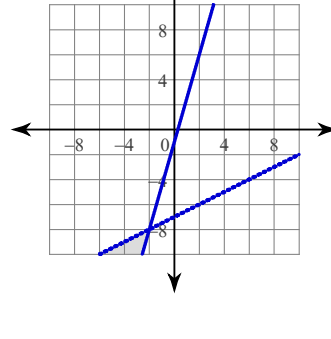
13)



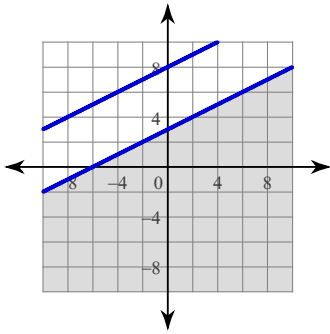
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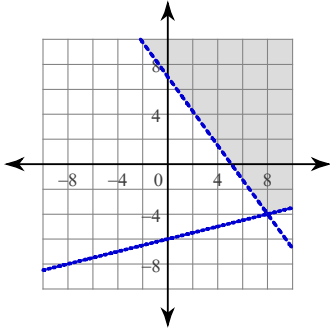
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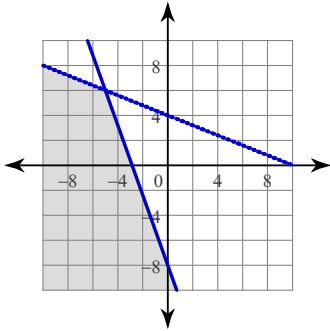
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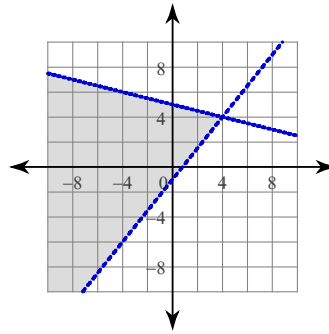
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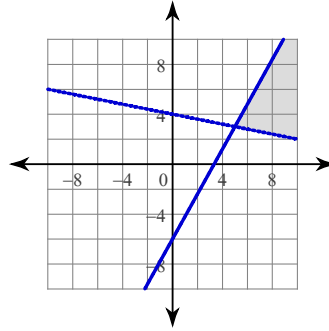
22)



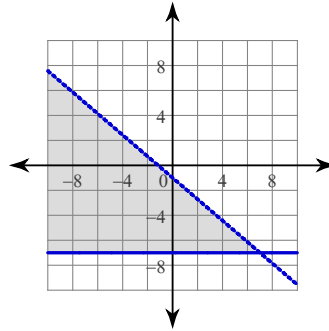
17)



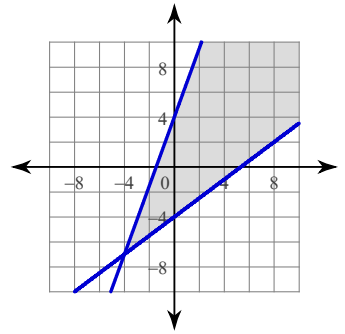
20)



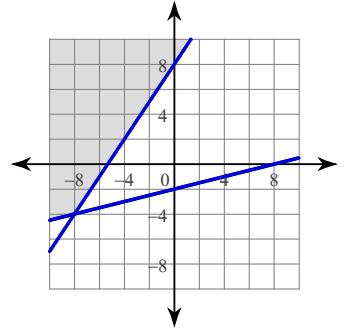
23)



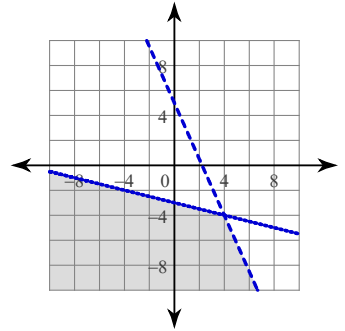
18)



21)



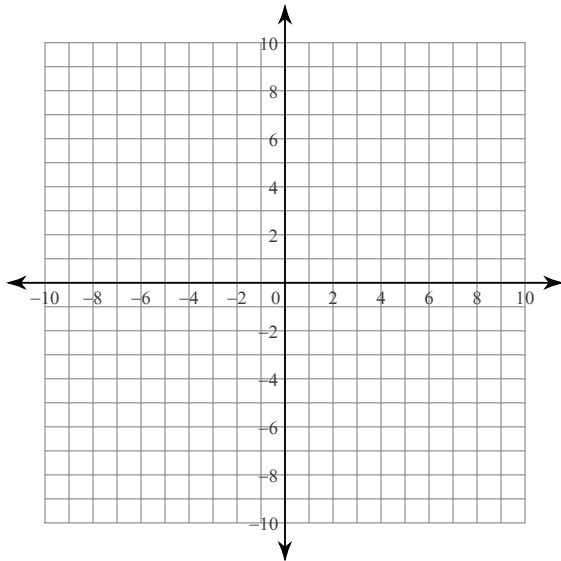
24)



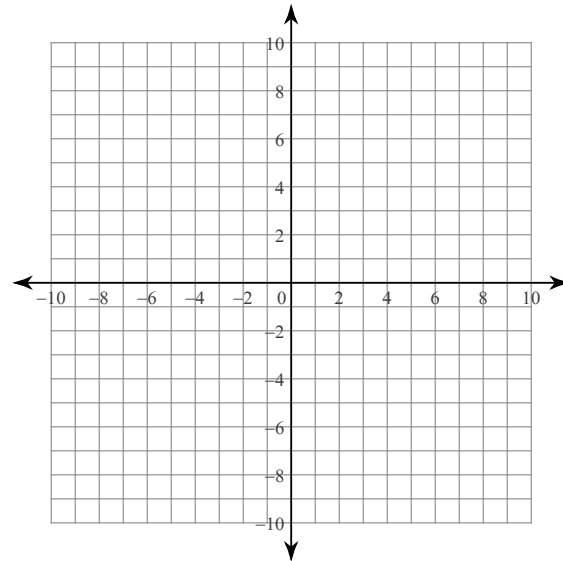
Assignment

Sketch the solution to each system of inequalities.

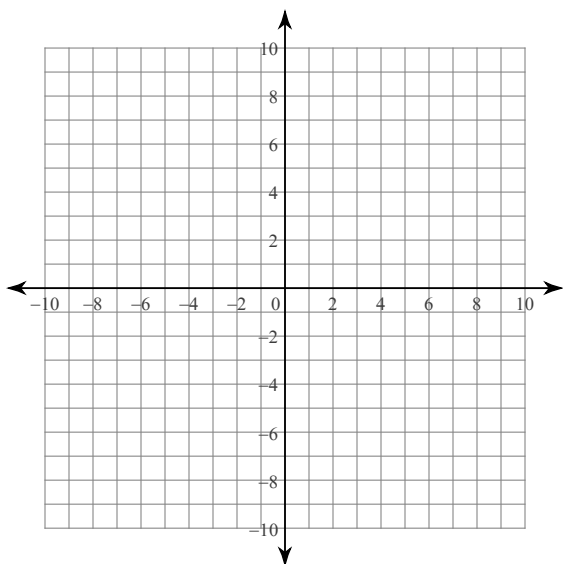
1) $6x - 7y \leq -35$
 $2x + 7y > -21$



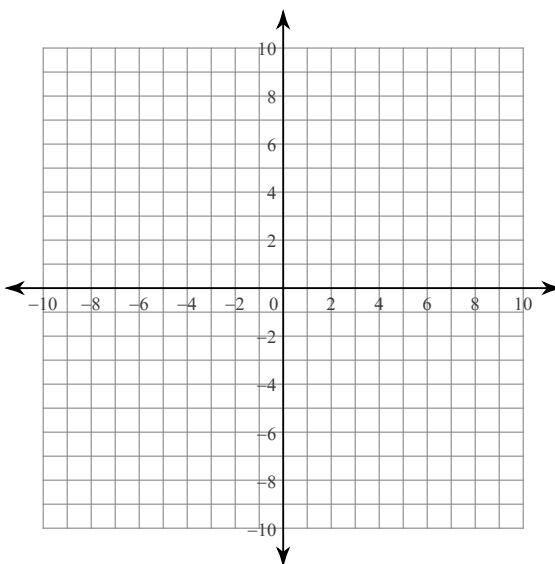
2) $x + 2y \leq 8$
 $3x - 2y \geq 8$



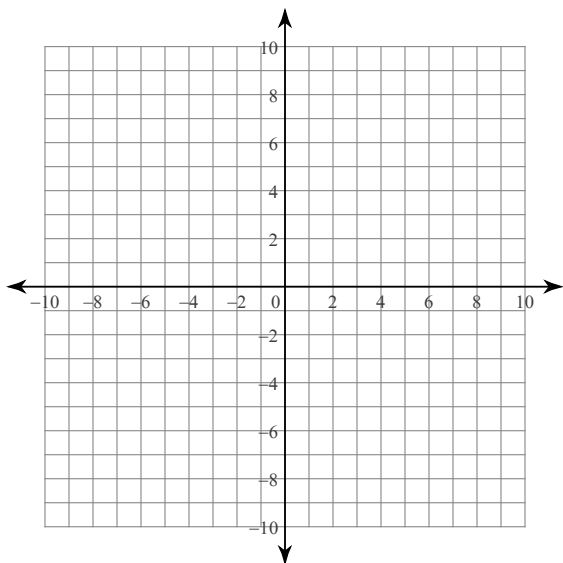
3) $3x + 4y \geq -20$
 $3x + 4y > -16$



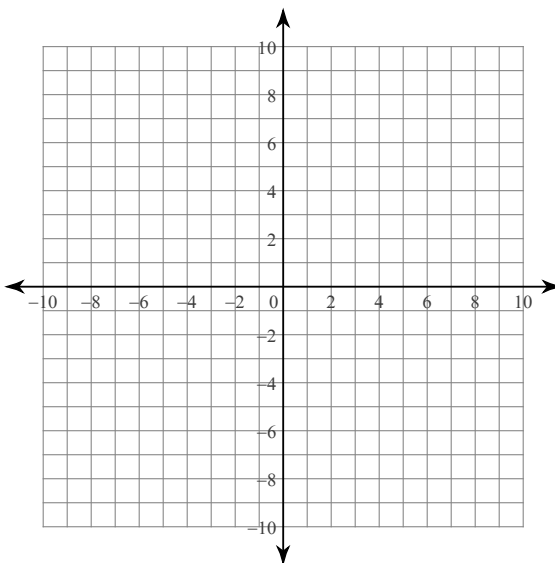
4) $5x - 4y > 16$
 $x - 4y < -16$



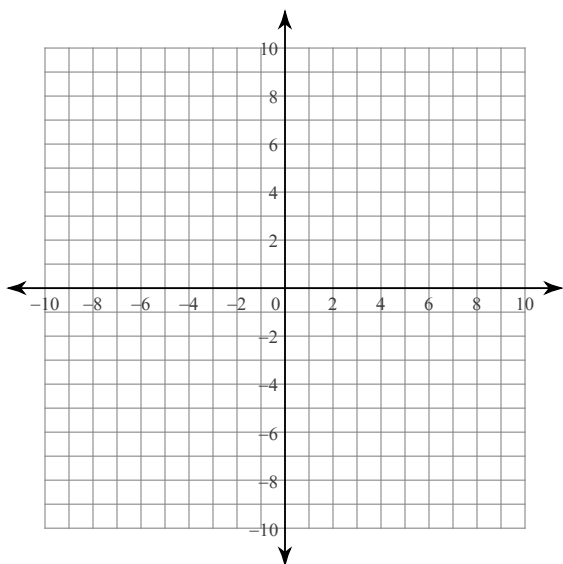
5) $5x - 2y < -16$
 $x + 4y \leq -12$



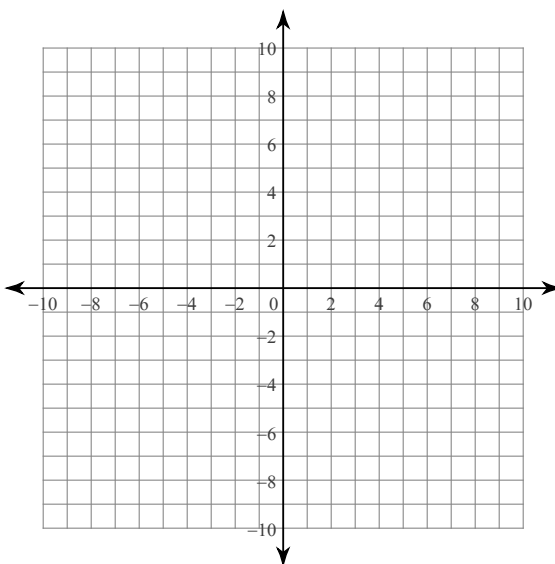
6) $3x + 2y < 14$
 $x - 8y < 48$



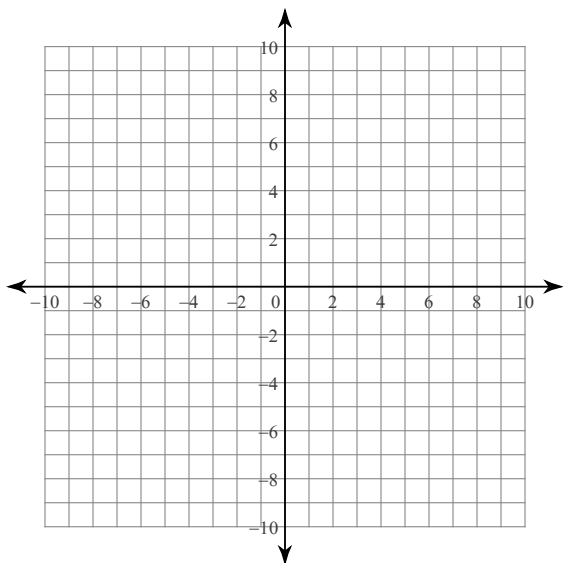
7) $y \geq 5$
 $3x + 4y < 8$



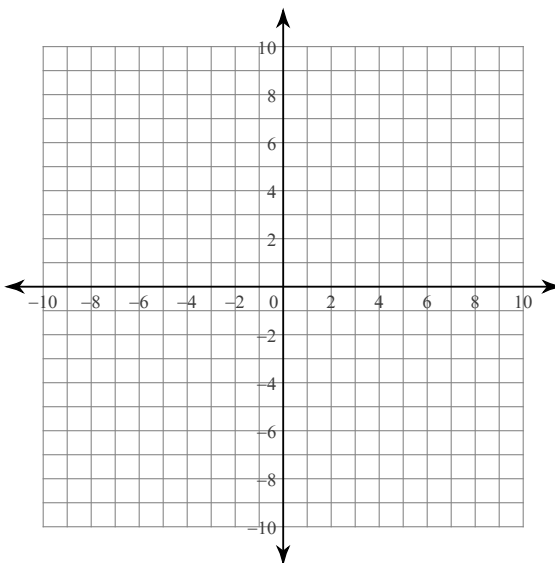
8) $x + y \geq -2$
 $x + 4y < -20$



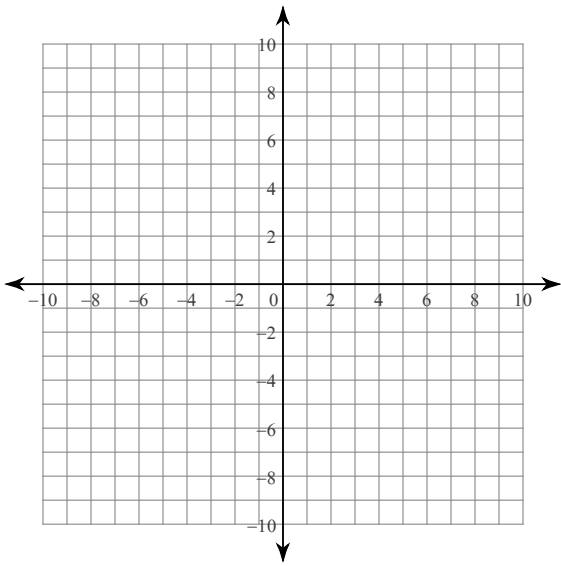
9) $11x + 7y < -21$
 $3x + 7y < 35$



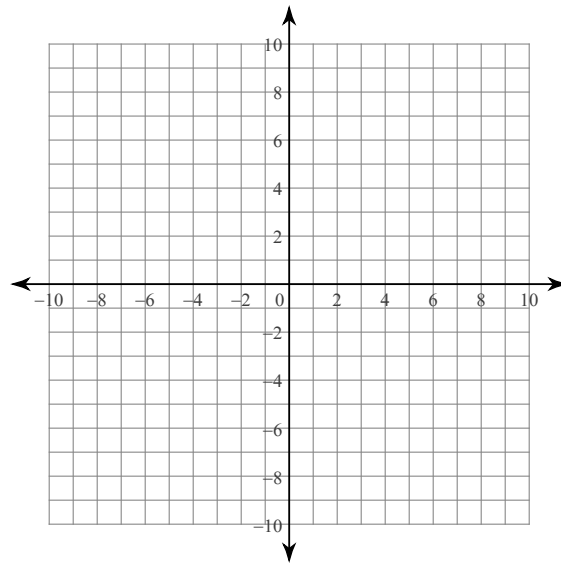
10) $3x + 2y \geq -14$
 $x - 2y < -10$



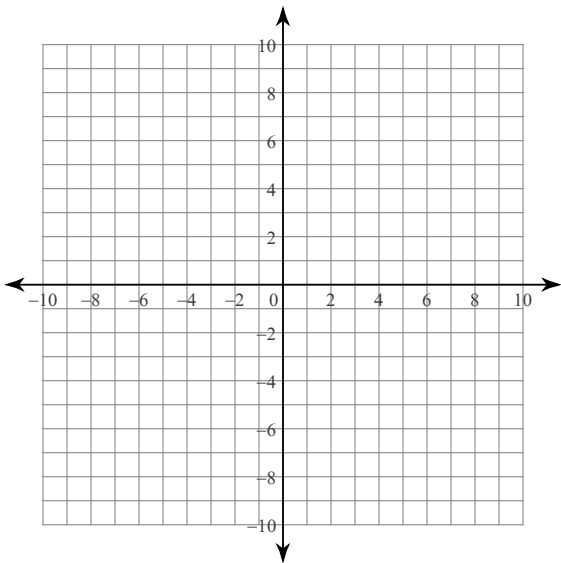
11) $3x - 8y \leq -56$
 $3x + 2y < -16$



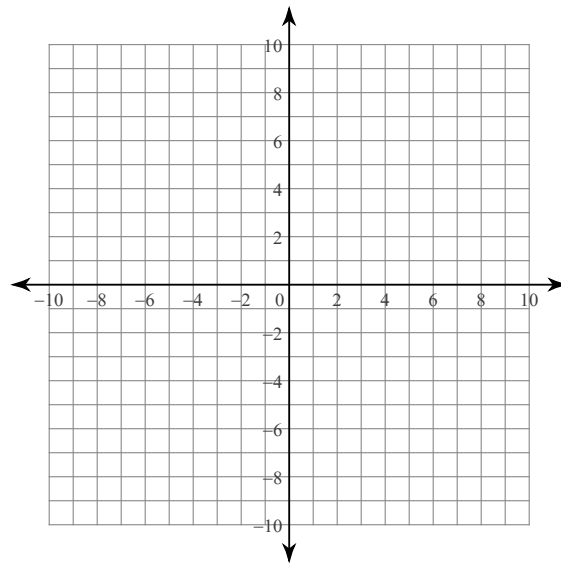
12) $4x - y > 8$
 $4x - y > -1$



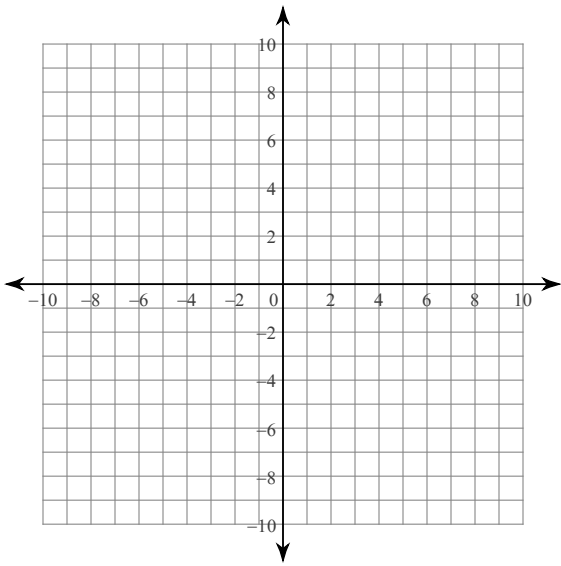
13) $4x - 5y > -10$
 $3x + 5y < -25$



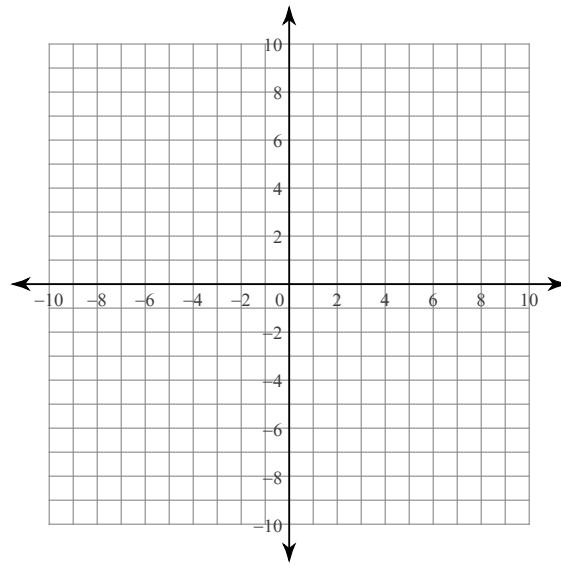
14) $3x + 4y > 16$
 $9x - 4y > 32$



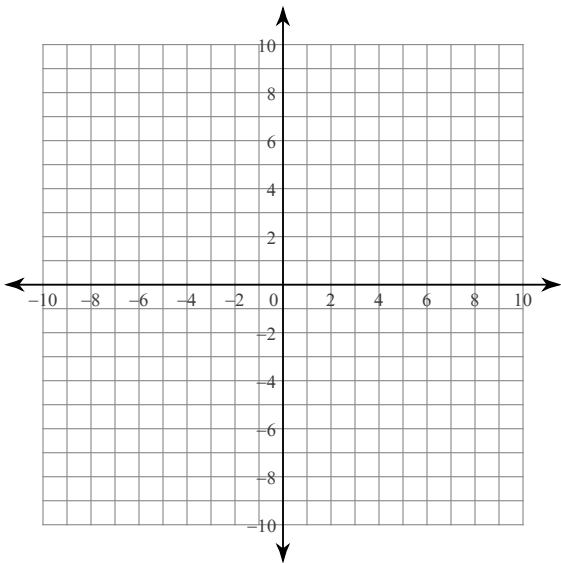
15) $3x - 4y < -28$
 $3x + 4y \leq 4$



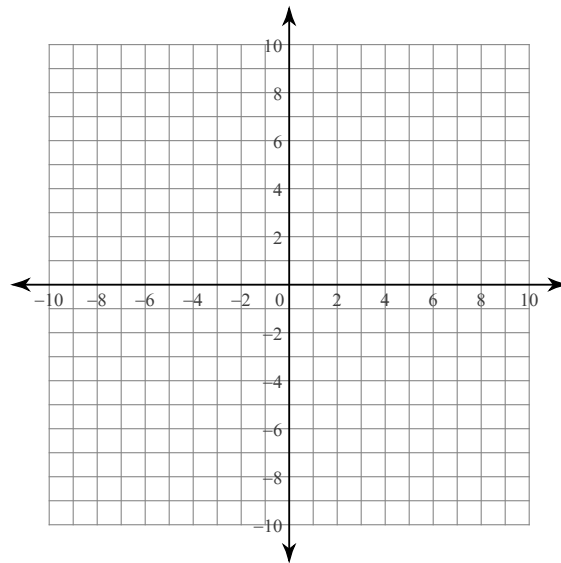
16) $x + 4y \geq -16$
 $x + 4y \leq 4$



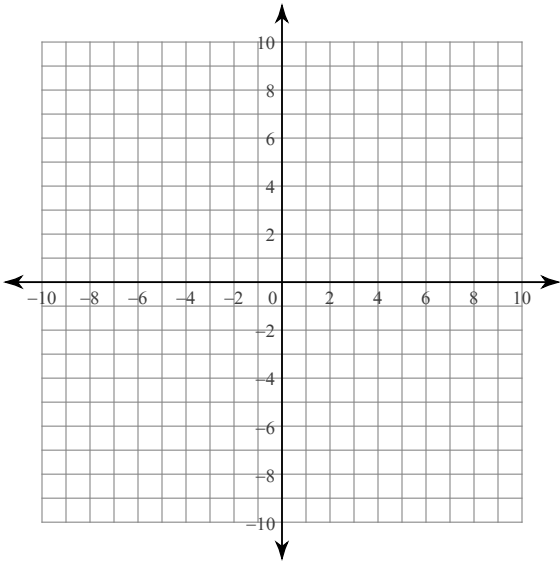
17) $x - 4y > 8$
 $11x - 4y > -32$



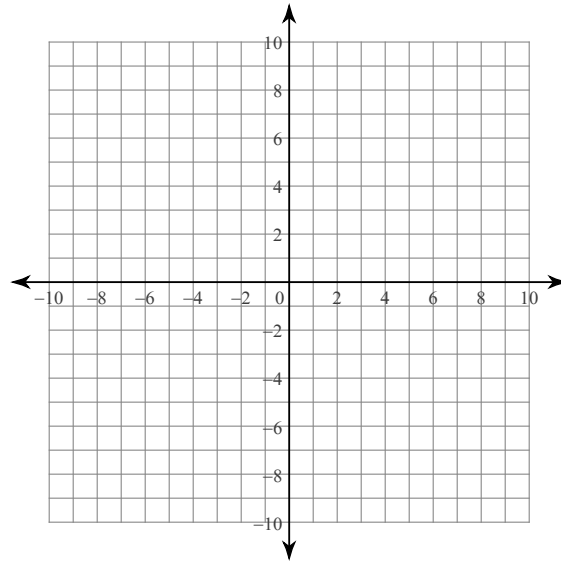
18) $x + 5y < 40$
 $x - y \geq -2$



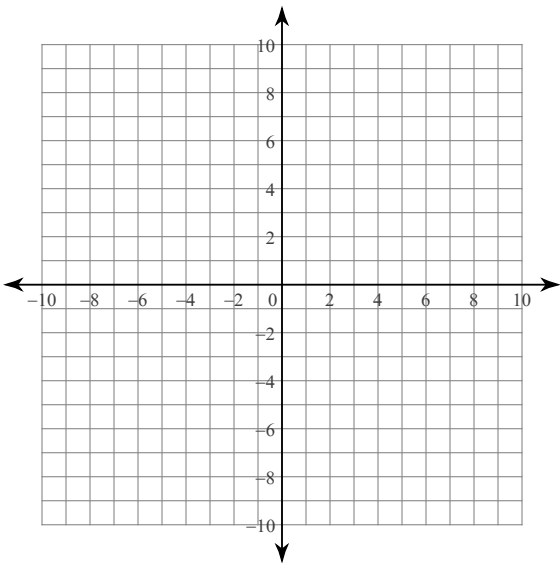
19) $x - 2y > -14$
 $7x - 2y < -2$



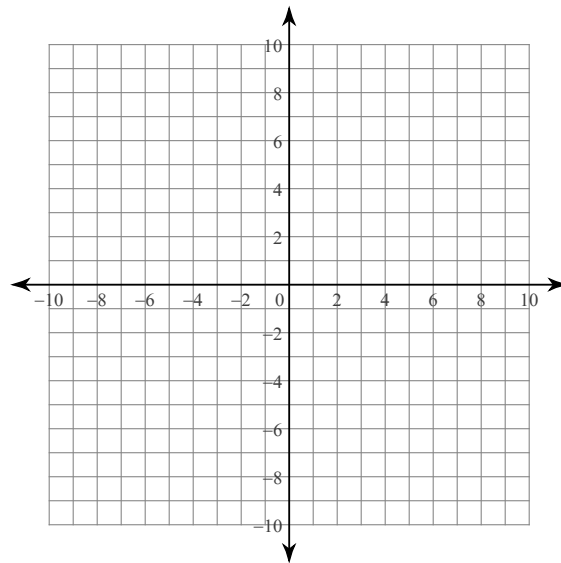
20) $3x - 8y \leq -48$
 $x > -8$



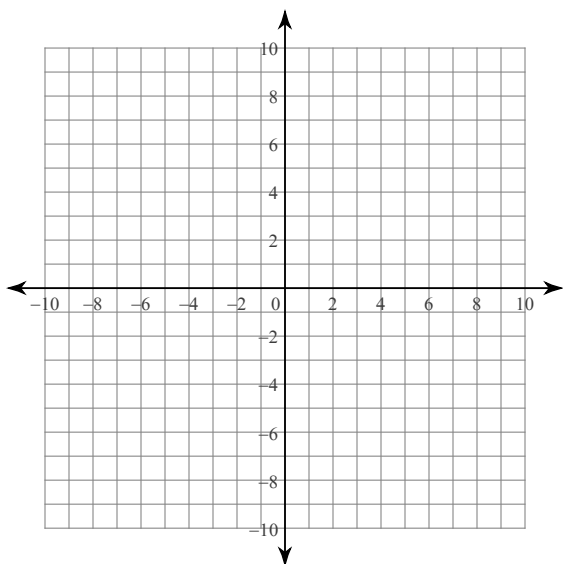
21) $y \leq 4$
 $11x + 5y < -35$



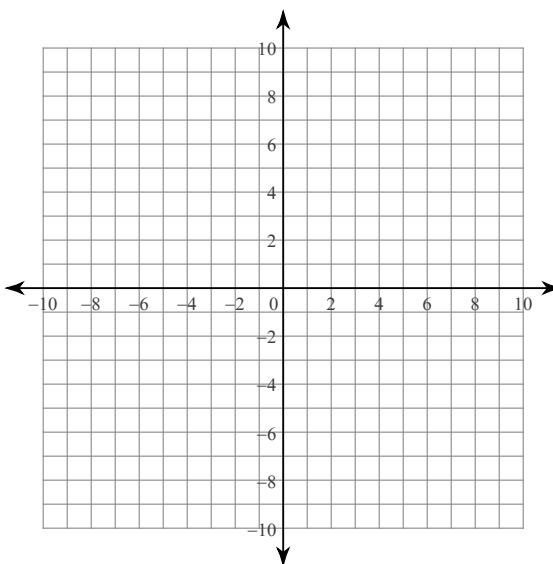
22) $x + y > 3$
 $x - 7y < 35$



23) $x + 2y < 16$
 $7x - 4y > 4$

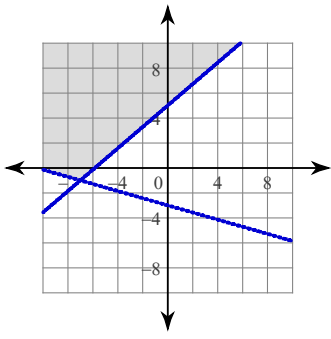


24) $x - 5y < 30$
 $11x - 5y \geq -20$

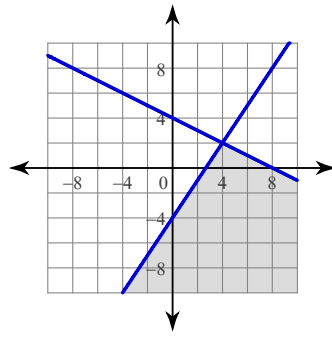


Answers to Assignment (ID: 10)

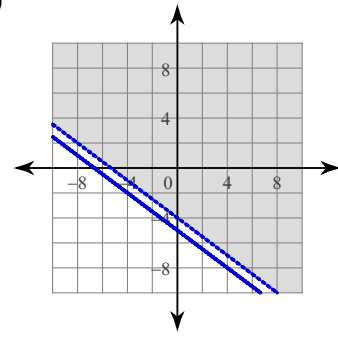
1)



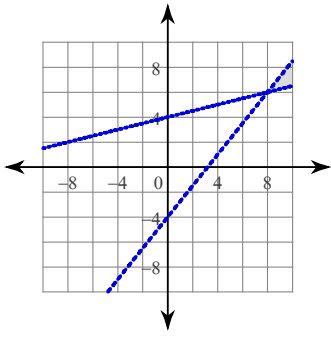
2)



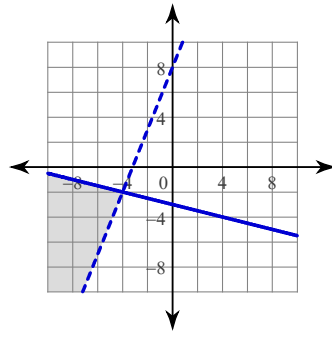
3)



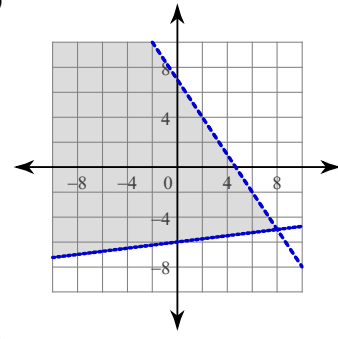
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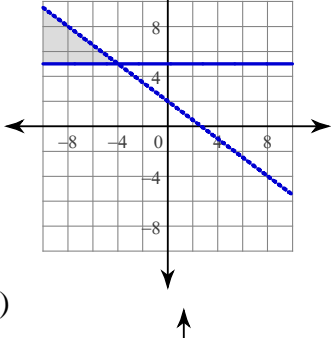
5)



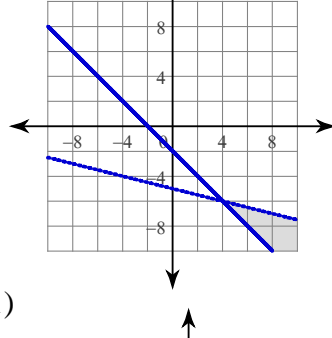
6)



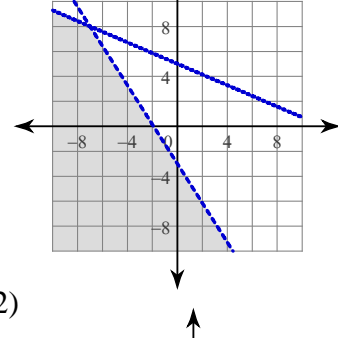
7)



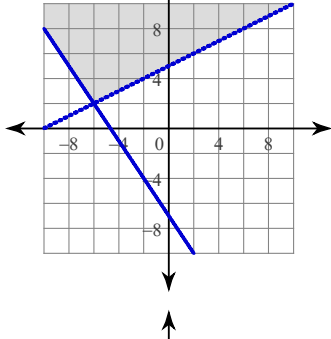
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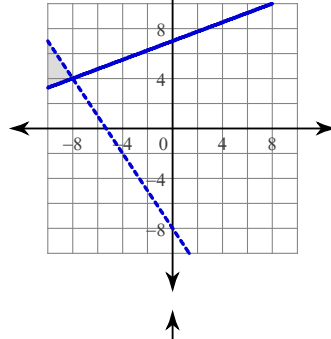
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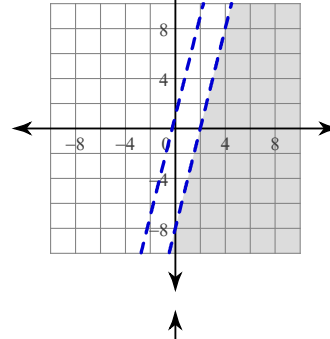
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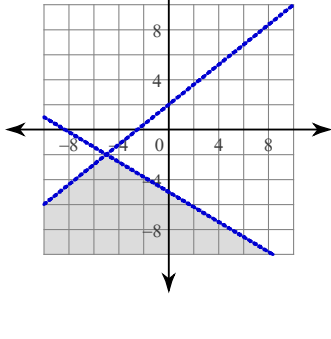
11)



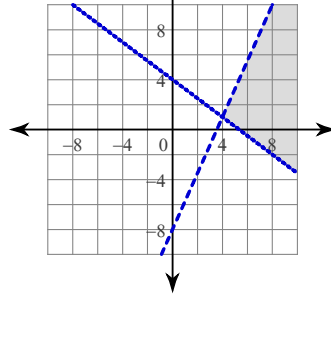
12)



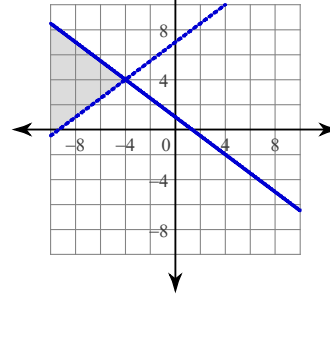
13)



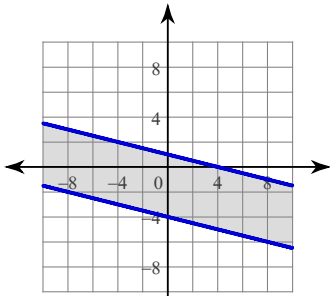
14)



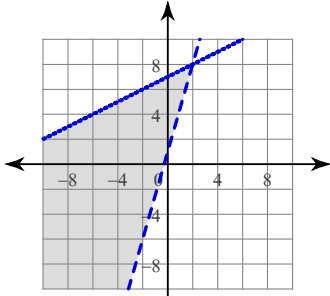
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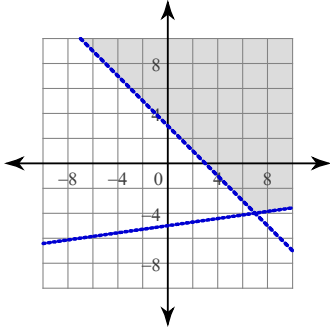
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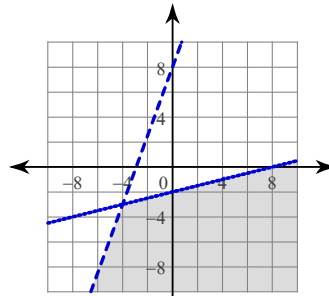
19)



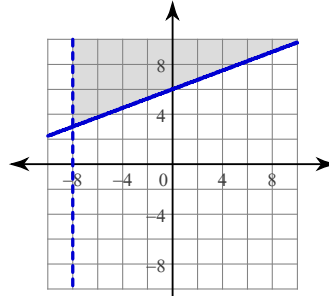
22)



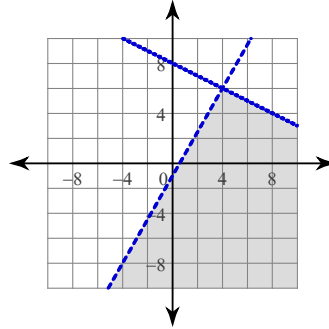
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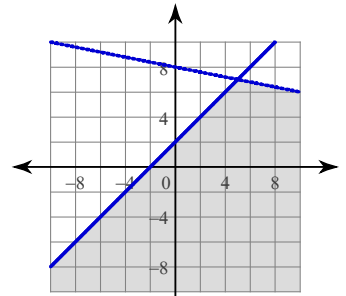
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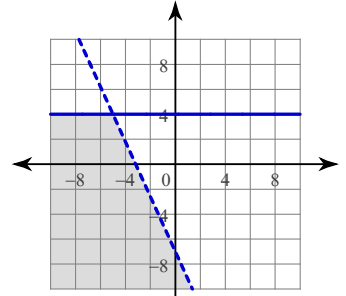
23)



18)



21)



24)

