Name_____

Assignment

Date_____ Period____

Find the distance between each pair of points.

1) $(5\sqrt{3}, -4)$, $(\sqrt{3}, -5)$

2) $(\sqrt{6}, -3\sqrt{5})$, $(2\sqrt{6}, \sqrt{5})$

3) $(-3, -\sqrt{5})$, $(-6, \sqrt{5})$

4) $(1, 3\sqrt{3})$, $(-2, \sqrt{3})$

5) $(3\sqrt{6}, -2)$, $(\sqrt{6}, -1)$

6) $(-4, -5\sqrt{5})$, $(6, \sqrt{5})$

7) $(1, \sqrt{2})$, $(1, -3\sqrt{2})$

8) $(-5, -2\sqrt{3})$, $(-4, \sqrt{3})$

9) $(-4, \sqrt{5})$, $(2, -6\sqrt{5})$

10) $(6\sqrt{6}, -4\sqrt{5})$, $(\sqrt{6}, 2\sqrt{5})$

11) $(0, \sqrt{3})$, $(-5, 5\sqrt{3})$

12) $(1, -4\sqrt{3})$, $(6, \sqrt{3})$

13) $(-5, 2\sqrt{3})$, $(2, \sqrt{3})$

14) $(1, \sqrt{6})$, $(3, -4\sqrt{6})$

15) $(-6\sqrt{2}, 2\sqrt{5})$, $(\sqrt{2}, -3\sqrt{5})$

16) $(1, -\sqrt{6})$, $(-2, \sqrt{6})$

17) $(3\sqrt{6}, -5\sqrt{6})$, $(\sqrt{6}, -\sqrt{6})$

18) $(6, 4\sqrt{6})$, $(-2, \sqrt{6})$

19) $(-2\sqrt{5}, -2)$, $(\sqrt{5}, -2)$

20) $(4, \sqrt{3})$, $(-3, -\sqrt{3})$

21) $(\sqrt{2}, \sqrt{3})$, $(4\sqrt{2}, -2\sqrt{3})$

22) $(0, 4\sqrt{5})$, $(-6, \sqrt{5})$

23) $(-5\sqrt{2}, -6\sqrt{5})$, $(\sqrt{2}, -4\sqrt{5})$

24) $(\sqrt{2}, -6\sqrt{5})$, $(-2\sqrt{2}, \sqrt{5})$

Answers to Assignment (ID: 1)

1) 7
2) $\sqrt{86}$
3) $\sqrt{29}$
4) $\sqrt{21}$
5) 5
6) $2\sqrt{70}$
7) $4\sqrt{2}$
8) $2\sqrt{7}$
9) $\sqrt{281}$
10) $\sqrt{330}$
11) $\sqrt{73}$
12) 10
13) $2\sqrt{13}$
14) $\sqrt{154}$
15) $\sqrt{223}$
16) $\sqrt{33}$
17) $2\sqrt{30}$
18) $\sqrt{118}$
19) $3\sqrt{5}$
20) $\sqrt{61}$
21) $3\sqrt{5}$
22) 9
23) $2\sqrt{23}$
24) $\sqrt{263}$

Name_____

Assignment

Date_____ Period____

Find the distance between each pair of points.

1) $(\sqrt{5}, -1)$, $(5\sqrt{5}, -5)$

2) $(4\sqrt{3}, -6\sqrt{2})$, $(\sqrt{3}, -\sqrt{2})$

3) $(6\sqrt{2}, -5)$, $(\sqrt{2}, 3)$

4) $(-4, 2\sqrt{3})$, $(0, \sqrt{3})$

5) $(2\sqrt{3}, -3)$, $(\sqrt{3}, -5)$

6) $(-4\sqrt{5}, -1)$, $(\sqrt{5}, 6)$

7) $(\sqrt{5}, 4\sqrt{2})$, $(-2\sqrt{5}, \sqrt{2})$

8) $(-6\sqrt{6}, -6)$, $(\sqrt{6}, 2)$

9) $(3, -2\sqrt{3})$, $(-3, \sqrt{3})$

10) $(-2\sqrt{3}, \sqrt{6})$, $(-3\sqrt{3}, -2\sqrt{6})$

11) $(-6\sqrt{5}, 0)$, $(\sqrt{5}, -5)$

12) $(2\sqrt{5}, -2\sqrt{3})$, $(-3\sqrt{5}, \sqrt{3})$

13) $(-6, -6\sqrt{5})$, $(-5, \sqrt{5})$

14) $(2, 3\sqrt{6})$, $(0, \sqrt{6})$

15) $(5, -2\sqrt{3})$, $(-3, \sqrt{3})$

16) $(-\sqrt{2}, 3)$, $(\sqrt{2}, -3)$

17) $(-6\sqrt{2}, -3\sqrt{6})$, $(6\sqrt{2}, \sqrt{6})$

18) $(5, -2\sqrt{5})$, $(-5, \sqrt{5})$

19) $(\sqrt{2}, -5)$, $(3\sqrt{2}, -4)$

20) $(-3, -4\sqrt{3})$, $(-5, \sqrt{3})$

21) $(2\sqrt{5}, 2)$, $(\sqrt{5}, 0)$

22) $(4, -4\sqrt{2})$, $(-6, \sqrt{2})$

23) $(-4, -\sqrt{6})$, $(-1, \sqrt{6})$

24) $(-3\sqrt{6}, -6\sqrt{2})$, $(4\sqrt{6}, \sqrt{2})$

Answers to Assignment (ID: 2)

1) $4\sqrt{6}$
2) $\sqrt{77}$
3) $\sqrt{114}$
4) $\sqrt{19}$
5) $\sqrt{7}$
6) $\sqrt{174}$
7) $3\sqrt{7}$
8) $\sqrt{358}$
9) $3\sqrt{7}$
10) $\sqrt{57}$
11) $3\sqrt{30}$
12) $2\sqrt{38}$
13) $\sqrt{246}$
14) $2\sqrt{7}$
15) $\sqrt{91}$
16) $2\sqrt{11}$
17) $8\sqrt{6}$
18) $\sqrt{145}$
19) 3
20) $\sqrt{79}$
21) 3
22) $5\sqrt{6}$
23) $\sqrt{33}$
24) $14\sqrt{2}$

Name_____

Assignment

Date_____ Period____

Find the distance between each pair of points.

1) $(3\sqrt{3}, 5\sqrt{3})$, $(\sqrt{3}, 4\sqrt{3})$

2) $(\sqrt{2}, -4)$, $(-5\sqrt{2}, -4)$

3) $(-3\sqrt{5}, -3)$, $(\sqrt{5}, -5)$

4) $(5\sqrt{2}, 4)$, $(\sqrt{2}, 5)$

5) $(5, \sqrt{3})$, $(2, -4\sqrt{3})$

6) $(3\sqrt{2}, 4\sqrt{5})$, $(\sqrt{2}, -5\sqrt{5})$

7) $(1, -2\sqrt{5})$, $(-1, \sqrt{5})$

8) $(6\sqrt{6}, -2)$, $(\sqrt{6}, 4)$

9) $(5, \sqrt{5})$, $(3, -2\sqrt{5})$

10) $(-4\sqrt{3}, -6\sqrt{3})$, $(3\sqrt{3}, \sqrt{3})$

11) $(0, \sqrt{6})$, $(-3, 2\sqrt{6})$

12) $(-\sqrt{3}, -\sqrt{5})$, $(\sqrt{3}, 5\sqrt{5})$

13) $(6\sqrt{3}, -6)$, $(\sqrt{3}, -4)$

14) $(-3\sqrt{3}, 0)$, $(\sqrt{3}, 1)$

15) $(-4, -6\sqrt{5})$, $(-3, \sqrt{5})$

16) $(-3, 2\sqrt{6})$, $(2, \sqrt{6})$

17) $(-4, 6\sqrt{6})$, $(-3, \sqrt{6})$

18) $(2\sqrt{5}, -2\sqrt{6})$, $(\sqrt{5}, 6\sqrt{6})$

19) $(\sqrt{2}, 3\sqrt{6})$, $(3\sqrt{2}, 2\sqrt{6})$

20) $(-2\sqrt{5}, 5)$, $(\sqrt{5}, 1)$

21) $(1, -5\sqrt{2})$, $(-2, \sqrt{2})$

22) $(\sqrt{2}, \sqrt{3})$, $(5\sqrt{2}, -3\sqrt{3})$

23) $(6, -3\sqrt{2})$, $(-3, \sqrt{2})$

24) $(-4, -4\sqrt{2})$, $(-5, 4\sqrt{2})$

Answers to Assignment (ID: 3)

1) $\sqrt{15}$
2) $6\sqrt{2}$
3) $2\sqrt{21}$
4) $\sqrt{33}$
5) $2\sqrt{21}$
6) $\sqrt{413}$
7) 7
8) $\sqrt{186}$
9) 7
10) $7\sqrt{6}$
11) $\sqrt{15}$
12) $8\sqrt{3}$
13) $\sqrt{79}$
14) 7
15) $\sqrt{246}$
16) $\sqrt{31}$
17) $\sqrt{151}$
18) $\sqrt{389}$
19) $\sqrt{14}$
20) $\sqrt{61}$
21) 9
22) $4\sqrt{5}$
23) $\sqrt{113}$
24) $\sqrt{129}$

Name_____

Assignment

Date_____ Period____

Find the distance between each pair of points.

1) $(-3\sqrt{2}, -6\sqrt{2})$, $(6\sqrt{2}, \sqrt{2})$

2) $(\sqrt{5}, -1)$, $(-3\sqrt{5}, 6)$

3) $(2, 4\sqrt{3})$, $(6, \sqrt{3})$

4) $(4\sqrt{5}, 3)$, $(\sqrt{5}, -4)$

5) $(5, -3\sqrt{5})$, $(1, \sqrt{5})$

6) $(5\sqrt{2}, -5)$, $(\sqrt{2}, -5)$

7) $(2\sqrt{3}, 3)$, $(\sqrt{3}, 3)$

8) $(-5\sqrt{5}, -2)$, $(\sqrt{5}, -2)$

9) $(4\sqrt{5}, \sqrt{6})$, $(-6\sqrt{5}, -2\sqrt{6})$

10) $(-4, \sqrt{3})$, $(-4, -2\sqrt{3})$

11) $(-6, \sqrt{6})$, $(-2, -2\sqrt{6})$

12) $(\sqrt{3}, 3\sqrt{6})$, $(5\sqrt{3}, \sqrt{6})$

13) $(5\sqrt{6}, -6)$, $(\sqrt{6}, 6)$

14) $(2, -2\sqrt{3})$, $(6, \sqrt{3})$

15) $(-5, -3\sqrt{3})$, $(-2, \sqrt{3})$

16) $(6, \sqrt{2})$, $(-1, 4\sqrt{2})$

17) $(-6\sqrt{6}, -3)$, $(\sqrt{6}, -3)$

18) $(-4\sqrt{3}, 4)$, $(\sqrt{3}, 3)$

19) $(\sqrt{6}, 5\sqrt{5})$, $(-\sqrt{6}, -2\sqrt{5})$

20) $(4\sqrt{3}, -\sqrt{2})$, $(\sqrt{3}, 2\sqrt{2})$

21) $(\sqrt{2}, 6)$, $(3\sqrt{2}, 5)$

22) $(-\sqrt{2}, 5\sqrt{5})$, $(\sqrt{2}, -2\sqrt{5})$

23) $(1, -3\sqrt{5})$, $(-5, \sqrt{5})$

24) $(\sqrt{6}, 5\sqrt{3})$, $(-4\sqrt{6}, 6\sqrt{3})$

Answers to Assignment (ID: 4)

1) $2\sqrt{65}$
2) $\sqrt{129}$
3) $\sqrt{43}$
4) $\sqrt{94}$
5) $4\sqrt{6}$
6) $4\sqrt{2}$
7) $\sqrt{3}$
8) $6\sqrt{5}$
9) $\sqrt{554}$
10) $3\sqrt{3}$
11) $\sqrt{70}$
12) $6\sqrt{2}$
13) $4\sqrt{15}$
14) $\sqrt{43}$
15) $\sqrt{57}$
16) $\sqrt{67}$
17) $7\sqrt{6}$
18) $2\sqrt{19}$
19) $\sqrt{269}$
20) $3\sqrt{5}$
21) 3
22) $\sqrt{253}$
23) $2\sqrt{29}$
24) $3\sqrt{17}$

Name_____

Assignment

Date_____ Period____

Find the distance between each pair of points.

1) $(-3, -4\sqrt{6}), (-6, \sqrt{6})$

2) $(5\sqrt{3}, \sqrt{6}), (\sqrt{3}, -4\sqrt{6})$

3) $(5, -6\sqrt{5}), (-5, \sqrt{5})$

4) $(-5\sqrt{2}, -4), (\sqrt{2}, 4)$

5) $(6, 3\sqrt{3}), (-5, \sqrt{3})$

6) $(-2\sqrt{5}, -5), (\sqrt{5}, -6)$

7) $(4\sqrt{2}, 3), (\sqrt{2}, 2)$

8) $(-4\sqrt{3}, -3), (\sqrt{3}, -3)$

9) $(-3\sqrt{2}, 6\sqrt{2}), (-5\sqrt{2}, \sqrt{2})$

10) $(2\sqrt{3}, -6\sqrt{6}), (-6\sqrt{3}, \sqrt{6})$

11) $(-\sqrt{3}, 5), (\sqrt{3}, -6)$

12) $(-6, -6\sqrt{5}), (5, \sqrt{5})$

13) $(3\sqrt{6}, 2), (\sqrt{6}, -3)$

14) $(3, \sqrt{6}), (-4, 2\sqrt{6})$

15) $(\sqrt{5}, -3\sqrt{3}), (-4\sqrt{5}, \sqrt{3})$

16) $(1, -4\sqrt{5}), (4, \sqrt{5})$

17) $(2\sqrt{6}, 4), (\sqrt{6}, -3)$

18) $(5\sqrt{5}, -6), (\sqrt{5}, 1)$

19) $(\sqrt{2}, 0), (5\sqrt{2}, 3)$

20) $(-1, 2\sqrt{6}), (-4, \sqrt{6})$

21) $(-6\sqrt{6}, 1), (\sqrt{6}, -3)$

22) $(-2\sqrt{2}, 6), (\sqrt{2}, -6)$

23) $(2, 3\sqrt{3}), (-5, \sqrt{3})$

24) $(-2\sqrt{5}, -6\sqrt{5}), (\sqrt{5}, 2\sqrt{5})$

Answers to Assignment (ID: 5)

1) $\sqrt{159}$
2) $3\sqrt{22}$
3) $\sqrt{345}$
4) $2\sqrt{34}$
5) $\sqrt{133}$
6) $\sqrt{46}$
7) $\sqrt{19}$
8) $5\sqrt{3}$
9) $\sqrt{58}$
10) $9\sqrt{6}$
11) $\sqrt{133}$
12) $\sqrt{366}$
13) 7
14) $\sqrt{55}$
15) $\sqrt{173}$
16) $\sqrt{134}$
17) $\sqrt{55}$
18) $\sqrt{129}$
19) $\sqrt{41}$
20) $\sqrt{15}$
21) $\sqrt{310}$
22) $9\sqrt{2}$
23) $\sqrt{61}$
24) $\sqrt{365}$

Name_____

Assignment

Date_____ Period____

Find the distance between each pair of points.

1) $(-6\sqrt{2}, 0)$, $(\sqrt{2}, 6)$

2) $(-2, \sqrt{5})$, $(-5, -3\sqrt{5})$

3) $(-1, \sqrt{5})$, $(-1, 4\sqrt{5})$

4) $(-4\sqrt{2}, -1)$, $(\sqrt{2}, 4)$

5) $(\sqrt{6}, 5\sqrt{3})$, $(-6\sqrt{6}, \sqrt{3})$

6) $(-\sqrt{5}, \sqrt{5})$, $(\sqrt{5}, -4\sqrt{5})$

7) $(3, \sqrt{2})$, $(-2, -6\sqrt{2})$

8) $(-3\sqrt{5}, 4)$, $(\sqrt{5}, -4)$

9) $(-3, -5\sqrt{5})$, $(6, \sqrt{5})$

10) $(3\sqrt{6}, -1)$, $(\sqrt{6}, 4)$

11) $(\sqrt{3}, 4)$, $(6\sqrt{3}, -2)$

12) $(-2\sqrt{3}, -4)$, $(\sqrt{3}, -4)$

13) $(\sqrt{6}, 3)$, $(-\sqrt{6}, 1)$

14) $(6\sqrt{6}, -\sqrt{5})$, $(\sqrt{6}, -2\sqrt{5})$

15) $(0, -\sqrt{3})$, $(-4, \sqrt{3})$

16) $(-6, 4\sqrt{6})$, $(3, \sqrt{6})$

17) $(2\sqrt{2}, -4\sqrt{3})$, $(5\sqrt{2}, \sqrt{3})$

18) $(\sqrt{6}, 6\sqrt{3})$, $(-6\sqrt{6}, \sqrt{3})$

19) $(-5\sqrt{5}, 2\sqrt{6})$, $(5\sqrt{5}, \sqrt{6})$

20) $(-\sqrt{2}, -5)$, $(\sqrt{2}, -5)$

21) $(3, -3\sqrt{2})$, $(-3, \sqrt{2})$

22) $(\sqrt{6}, -4)$, $(6\sqrt{6}, -5)$

23) $(2\sqrt{5}, 6)$, $(\sqrt{5}, -6)$

24) $(-3\sqrt{3}, -3\sqrt{2})$, $(-2\sqrt{3}, \sqrt{2})$

Answers to Assignment (ID: 6)

1) $\sqrt{134}$
2) $\sqrt{89}$
3) $3\sqrt{5}$
4) $5\sqrt{3}$
5) $3\sqrt{38}$
6) $\sqrt{145}$
7) $\sqrt{123}$
8) 12
9) $3\sqrt{29}$
10) 7
11) $\sqrt{111}$
12) $3\sqrt{3}$
13) $2\sqrt{7}$
14) $\sqrt{155}$
15) $2\sqrt{7}$
16) $3\sqrt{15}$
17) $\sqrt{93}$
18) $3\sqrt{41}$
19) $\sqrt{506}$
20) $2\sqrt{2}$
21) $2\sqrt{17}$
22) $\sqrt{151}$
23) $\sqrt{149}$
24) $\sqrt{35}$

Name_____

Assignment

Date_____ Period____

Find the distance between each pair of points.

1) $(-2, -2\sqrt{5})$, $(6, -5\sqrt{5})$

2) $(-4\sqrt{5}, 0)$, $(\sqrt{5}, -4)$

3) $(3, -5\sqrt{2})$, $(6, \sqrt{2})$

4) $(3\sqrt{6}, \sqrt{5})$, $(5\sqrt{6}, 4\sqrt{5})$

5) $(6\sqrt{2}, -4)$, $(\sqrt{2}, -5)$

6) $(-6, -2\sqrt{5})$, $(-3, \sqrt{5})$

7) $(\sqrt{3}, 3\sqrt{5})$, $(-5\sqrt{3}, -4\sqrt{5})$

8) $(4\sqrt{3}, \sqrt{3})$, $(\sqrt{3}, -5\sqrt{3})$

9) $(4\sqrt{6}, 4\sqrt{2})$, $(-4\sqrt{6}, \sqrt{2})$

10) $(2\sqrt{3}, -3)$, $(\sqrt{3}, 0)$

11) $(\sqrt{5}, -1)$, $(-5\sqrt{5}, -6)$

12) $(\sqrt{6}, 1)$, $(6\sqrt{6}, 6)$

13) $(-2\sqrt{5}, -6\sqrt{5})$, $(2\sqrt{5}, \sqrt{5})$

14) $(5\sqrt{2}, -3)$, $(\sqrt{2}, -3)$

15) $(-4, 5\sqrt{6})$, $(4, \sqrt{6})$

16) $(2\sqrt{3}, 2)$, $(\sqrt{3}, -5)$

17) $(\sqrt{3}, -5)$, $(-3\sqrt{3}, 5)$

18) $(2, 3\sqrt{6})$, $(5, \sqrt{6})$

19) $(-6, -4\sqrt{5})$, $(-5, \sqrt{5})$

20) $(5\sqrt{2}, -4)$, $(\sqrt{2}, 6)$

21) $(2, -\sqrt{6})$, $(-3, \sqrt{6})$

22) $(-2\sqrt{2}, -1)$, $(\sqrt{2}, -3)$

23) $(\sqrt{6}, 0)$, $(3\sqrt{6}, 3)$

24) $(-2, -5\sqrt{2})$, $(0, \sqrt{2})$

Answers to Assignment (ID: 7)

1) $\sqrt{109}$
2) $\sqrt{141}$
3) 9
4) $\sqrt{69}$
5) $\sqrt{51}$
6) $3\sqrt{6}$
7) $\sqrt{353}$
8) $3\sqrt{15}$
9) $\sqrt{402}$
10) $2\sqrt{3}$
11) $\sqrt{205}$
12) $5\sqrt{7}$
13) $5\sqrt{13}$
14) $4\sqrt{2}$
15) $4\sqrt{10}$
16) $2\sqrt{13}$
17) $2\sqrt{37}$
18) $\sqrt{33}$
19) $3\sqrt{14}$
20) $2\sqrt{33}$
21) 7
22) $\sqrt{22}$
23) $\sqrt{33}$
24) $2\sqrt{19}$

Name_____

Assignment

Date_____ Period____

Find the distance between each pair of points.

1) $(-6, 5\sqrt{5}), (-3, \sqrt{5})$

2) $(2\sqrt{6}, 2\sqrt{5}), (-6\sqrt{6}, \sqrt{5})$

3) $(-4\sqrt{2}, \sqrt{3}), (\sqrt{2}, -5\sqrt{3})$

4) $(-1, 5\sqrt{6}), (3, \sqrt{6})$

5) $(-2, -6\sqrt{2}), (-4, \sqrt{2})$

6) $(0, \sqrt{2}), (-2, -4\sqrt{2})$

7) $(0, \sqrt{3}), (3, -2\sqrt{3})$

8) $(-\sqrt{2}, -2\sqrt{5}), (4\sqrt{2}, \sqrt{5})$

9) $(-\sqrt{5}, \sqrt{2}), (\sqrt{5}, 3\sqrt{2})$

10) $(6, 3\sqrt{6}), (-6, \sqrt{6})$

11) $(-4\sqrt{3}, 3), (\sqrt{3}, -3)$

12) $(-4\sqrt{5}, 4), (\sqrt{5}, 1)$

13) $(3\sqrt{3}, -5), (\sqrt{3}, 6)$

14) $(-1, 6\sqrt{6}), (-4, \sqrt{6})$

15) $(\sqrt{5}, 3), (2\sqrt{5}, 1)$

16) $(-1, -5\sqrt{2}), (-3, \sqrt{2})$

17) $(4\sqrt{6}, \sqrt{2}), (\sqrt{6}, 5\sqrt{2})$

18) $(-2\sqrt{3}, -\sqrt{3}), (-6\sqrt{3}, \sqrt{3})$

19) $(-3\sqrt{3}, 1), (\sqrt{3}, 1)$

20) $(5, \sqrt{2}), (0, -4\sqrt{2})$

21) $(\sqrt{6}, -5), (4\sqrt{6}, -1)$

22) $(2\sqrt{6}, 4), (\sqrt{6}, -4)$

23) $(\sqrt{2}, -5), (-2\sqrt{2}, 5)$

24) $(3\sqrt{6}, -4\sqrt{5}), (\sqrt{6}, 6\sqrt{5})$

Answers to Assignment (ID: 8)

1) $\sqrt{89}$
2) $\sqrt{389}$
3) $\sqrt{158}$
4) $4\sqrt{7}$
5) $\sqrt{102}$
6) $3\sqrt{6}$
7) 6
8) $\sqrt{95}$
9) $2\sqrt{7}$
10) $2\sqrt{42}$
11) $\sqrt{111}$
12) $\sqrt{134}$
13) $\sqrt{133}$
14) $\sqrt{159}$
15) 3
16) $2\sqrt{19}$
17) $\sqrt{86}$
18) $2\sqrt{15}$
19) $4\sqrt{3}$
20) $5\sqrt{3}$
21) $\sqrt{70}$
22) $\sqrt{70}$
23) $\sqrt{118}$
24) $2\sqrt{131}$

Name_____

Assignment

Date_____ Period____

Find the distance between each pair of points.

1) $(-5, -2\sqrt{2}), (0, \sqrt{2})$

2) $(6\sqrt{5}, -5), (\sqrt{5}, 1)$

3) $(-4\sqrt{2}, 1), (\sqrt{2}, 1)$

4) $(-2\sqrt{5}, 6), (\sqrt{5}, 6)$

5) $(-6, 6\sqrt{2}), (-2, \sqrt{2})$

6) $(-\sqrt{3}, -3), (\sqrt{3}, 6)$

7) $(2\sqrt{6}, 6\sqrt{5}), (4\sqrt{6}, \sqrt{5})$

8) $(\sqrt{5}, \sqrt{5}), (3\sqrt{5}, -2\sqrt{5})$

9) $(-2, 4\sqrt{3}), (6, \sqrt{3})$

10) $(-3\sqrt{5}, \sqrt{2}), (\sqrt{5}, 5\sqrt{2})$

11) $(-4\sqrt{5}, 2\sqrt{3}), (-5\sqrt{5}, \sqrt{3})$

12) $(-5\sqrt{5}, -1), (\sqrt{5}, 3)$

13) $(2, -6\sqrt{6}), (-3, \sqrt{6})$

14) $(\sqrt{2}, 2), (-3\sqrt{2}, 0)$

15) $(-\sqrt{3}, -\sqrt{2}), (\sqrt{3}, -5\sqrt{2})$

16) $(3\sqrt{6}, 5\sqrt{6}), (-3\sqrt{6}, \sqrt{6})$

17) $(3\sqrt{6}, 1), (\sqrt{6}, -5)$

18) $(0, 2\sqrt{6}), (6, \sqrt{6})$

19) $(-4, -6\sqrt{6}), (-4, \sqrt{6})$

20) $(-4\sqrt{2}, 4), (\sqrt{2}, 3)$

21) $(-6, \sqrt{6}), (0, 6\sqrt{6})$

22) $(\sqrt{3}, -5\sqrt{6}), (-4\sqrt{3}, \sqrt{6})$

23) $(-2\sqrt{3}, \sqrt{6}), (\sqrt{3}, 2\sqrt{6})$

24) $(2\sqrt{6}, -\sqrt{2}), (-5\sqrt{6}, \sqrt{2})$

Answers to Assignment (ID: 9)

1) $\sqrt{43}$
2) $\sqrt{161}$
3) $5\sqrt{2}$
4) $3\sqrt{5}$
5) $\sqrt{66}$
6) $\sqrt{93}$
7) $\sqrt{149}$
8) $\sqrt{65}$
9) $\sqrt{91}$
10) $4\sqrt{7}$
11) $2\sqrt{2}$
12) 14
13) $\sqrt{319}$
14) 6
15) $2\sqrt{11}$
16) $2\sqrt{78}$
17) $2\sqrt{15}$
18) $\sqrt{42}$
19) $7\sqrt{6}$
20) $\sqrt{51}$
21) $\sqrt{186}$
22) $\sqrt{291}$
23) $\sqrt{33}$
24) $\sqrt{302}$

Name_____

Assignment

Date_____ Period____

Find the distance between each pair of points.

1) $(3\sqrt{3}, 0)$, $(\sqrt{3}, -4)$

2) $(4, -3\sqrt{2})$, $(-6, \sqrt{2})$

3) $(2\sqrt{5}, 2)$, $(\sqrt{5}, -4)$

4) $(5\sqrt{5}, -2\sqrt{5})$, $(6\sqrt{5}, \sqrt{5})$

5) $(\sqrt{6}, 5)$, $(2\sqrt{6}, 0)$

6) $(-1, -6\sqrt{3})$, $(-3, \sqrt{3})$

7) $(2\sqrt{5}, -4\sqrt{5})$, $(5\sqrt{5}, \sqrt{5})$

8) $(-2\sqrt{5}, -4)$, $(\sqrt{5}, -6)$

9) $(-2, 6\sqrt{2})$, $(5, \sqrt{2})$

10) $(-3, \sqrt{2})$, $(-5, -4\sqrt{2})$

11) $(6, \sqrt{3})$, $(-3, -6\sqrt{3})$

12) $(4\sqrt{6}, \sqrt{6})$, $(\sqrt{6}, -6\sqrt{6})$

13) $(2, \sqrt{5})$, $(-4, -5\sqrt{5})$

14) $(-3, -2\sqrt{3})$, $(6, \sqrt{3})$

15) $(-6\sqrt{6}, -2)$, $(\sqrt{6}, 4)$

16) $(-\sqrt{3}, 6)$, $(\sqrt{3}, -1)$

17) $(4\sqrt{2}, \sqrt{6})$, $(-\sqrt{2}, 5\sqrt{6})$

18) $(-5, -6\sqrt{5})$, $(6, \sqrt{5})$

19) $(5\sqrt{6}, -6)$, $(\sqrt{6}, 5)$

20) $(-6\sqrt{2}, -2)$, $(\sqrt{2}, -4)$

21) $(-5\sqrt{2}, 2\sqrt{6})$, $(3\sqrt{2}, \sqrt{6})$

22) $(-2, \sqrt{3})$, $(6, -6\sqrt{3})$

23) $(4\sqrt{6}, -3\sqrt{3})$, $(\sqrt{6}, 5\sqrt{3})$

24) $(\sqrt{3}, \sqrt{6})$, $(-2\sqrt{3}, 3\sqrt{6})$

Answers to Assignment (ID: 10)

1) $2\sqrt{7}$
2) $2\sqrt{33}$
3) $\sqrt{41}$
4) $5\sqrt{2}$
5) $\sqrt{31}$
6) $\sqrt{151}$
7) $\sqrt{170}$
8) 7
9) $3\sqrt{11}$
10) $3\sqrt{6}$
11) $2\sqrt{57}$
12) $2\sqrt{87}$
13) $6\sqrt{6}$
14) $6\sqrt{3}$
15) $\sqrt{330}$
16) $\sqrt{61}$
17) $\sqrt{146}$
18) $\sqrt{366}$
19) $\sqrt{217}$
20) $\sqrt{102}$
21) $\sqrt{134}$
22) $\sqrt{211}$
23) $\sqrt{246}$
24) $\sqrt{51}$