

Week 3 Practice - Ref. Ch. 4 Page 310 to 313

Date _____ Period _____

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Graph each equation.

1) $y = 3|x + 1|$

2) $y = -3|x| - 3$

3) $y = -3|x - 3| - 3$

4) $y = 3|x + 2| - 1$

5) $y = -2|x + 1|$

6) $y = 3|x - 4|$

7) $y = 3|x - 2| + 1$

8) $y = -3|x + 1| - 4$

9) $y = 3|x - 1| - 2$

10) $y = -3|x - 1| - 1$

11) $y = -2|x + 3| - 3$

12) $y = 3|x - 3| + 4$

13) $y = -3|x - 2|$

14) $y = -3|x - 1|$

15) $y = 3|x + 4|$

16) $y = -2|x| - 4$

17) $y = 2|x - 2| - 1$

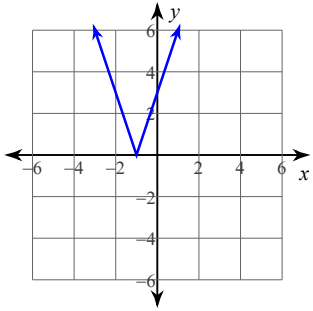
18) $y = -2|x + 2| - 2$

19) $y = -3|x| + 4$

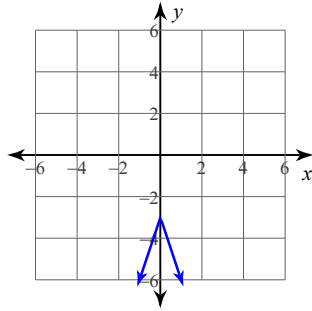
20) $y = 2|x| - 4$

Answers to Week 3 Practice - Ref. Ch. 4 Page 310 to 313 (ID: 1)

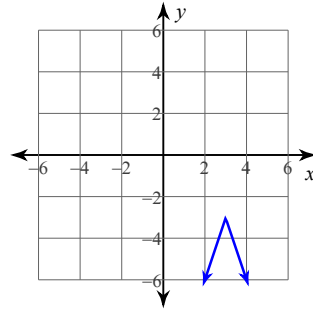
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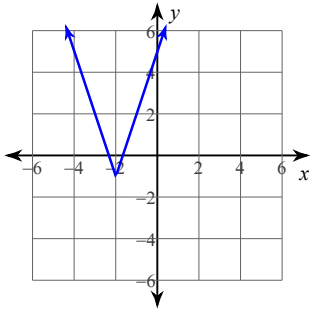
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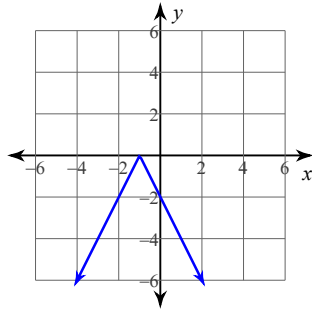
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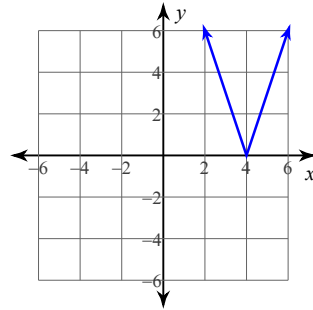
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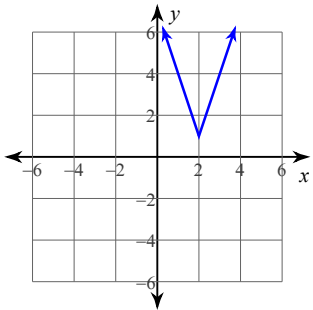
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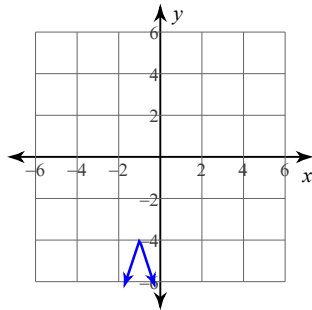
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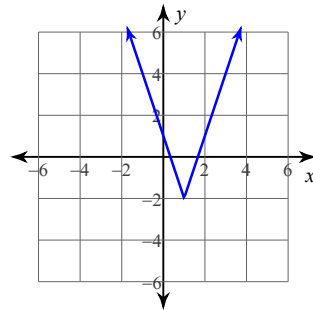
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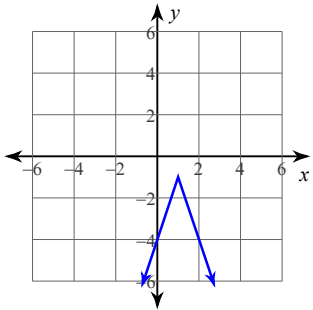
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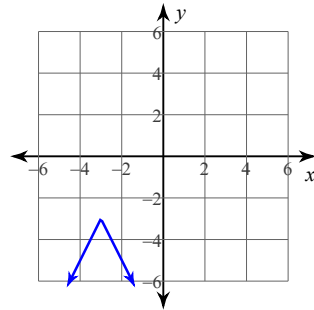
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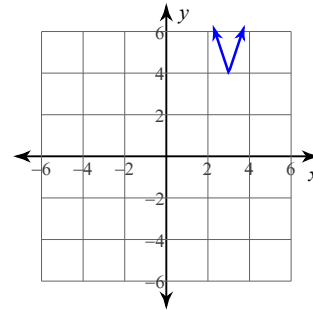
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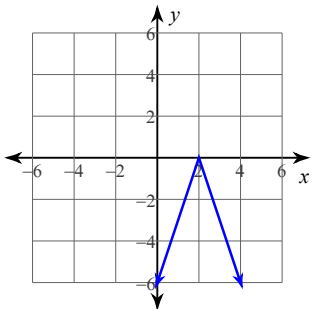
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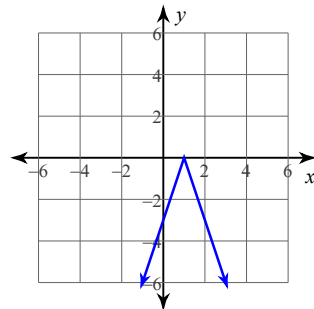
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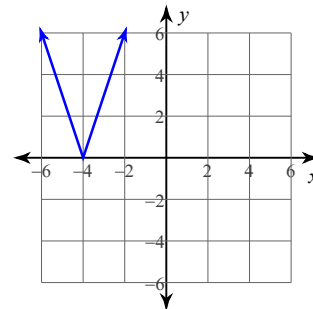
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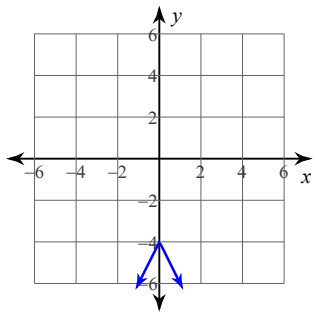
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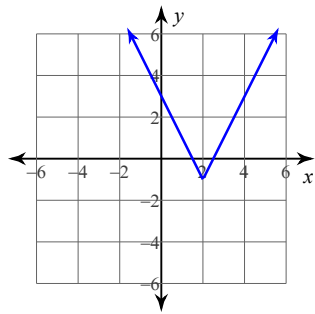
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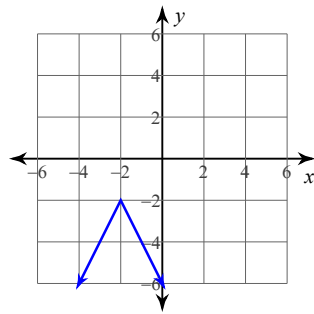
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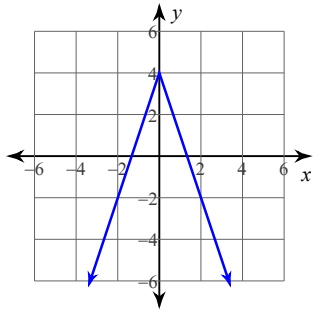
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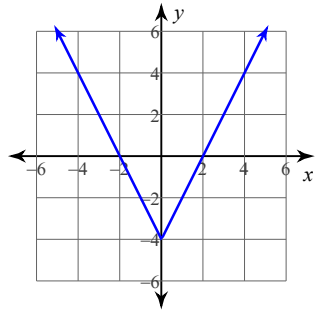
18)



19)



20)



Week 3 Practice - Review from prior week

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Write the slope-intercept form of the equation of the line described.

21) through: $(-2, 0)$, parallel to $y = -2x + 1$

22) through: $(1, 4)$, parallel to $y = 8x + 1$

23) through: $(-3, 1)$, parallel to $y = -2x + 1$

24) through: $(-5, -4)$, parallel to $y = \frac{1}{5}x + 1$

25) through: $(5, -2)$, parallel to $y = \frac{3}{5}x + 1$

26) through: $(3, 3)$, parallel to $y = \frac{5}{3}x$

27) through: $(5, 3)$, perp. to $y = -\frac{5}{3}x$

28) through: $(-3, -5)$, perp. to $y = -\frac{3}{5}x$

29) through: $(-4, 4)$, perp. to $y = \frac{2}{3}x - 3$

30) through: $(0, 3)$, perp. to $x = 0$

31) through: $(4, -1)$, perp. to $x = 0$

32) through: $(0, -1)$, perp. to $y = -\frac{5}{2}x + 3$

Sketch the graph of each line.

33) $2x + 1 = -y$

34) $-10 = 7x + 2y$

35) $4y = 4 + 3x$

36) $6y + 12 = -3x$

37) $1 = \frac{1}{5}y - \frac{2}{25}x$

38) $2x = 2y - 6$

Answers to Week 3 Practice - Review from prior week (ID: 1)

21) $y = -2x - 4$

22) $y = 8x - 4$

23) $y = -2x - 5$

24) $y = \frac{1}{5}x - 3$

25) $y = \frac{3}{5}x - 5$

26) $y = \frac{5}{3}x - 2$

27) $y = \frac{3}{5}x$

28) $y = \frac{5}{3}x$

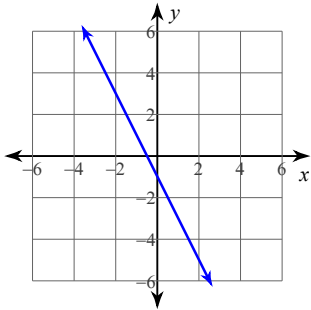
29) $y = -\frac{3}{2}x - 2$

30) $y = 3$

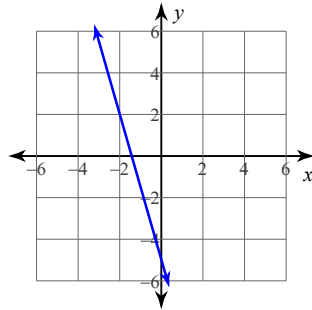
31) $y = -1$

32) $y = \frac{2}{5}x - 1$

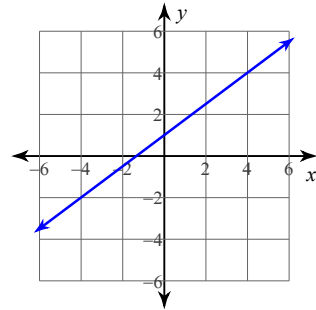
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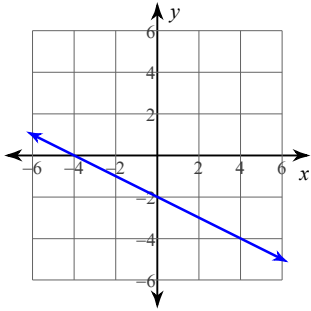
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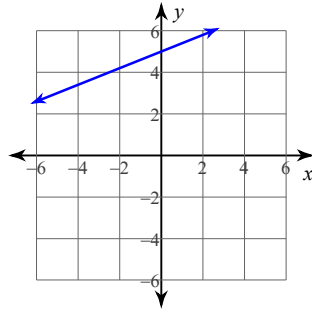
35)



36)



37)



38)

