Pg. 252 – 253 #1, 3, 8 – 15, 26 - 29

1. 8, −9, 22

3. *Sample answer:* below, under, lose

8. −42

9. 37,500

10. 17

11. −56

12. −350

13. 5

14. 83; −47

15. −318

26. 5

27. −8

28. −15

29. 18

Pg. 258 – 259 #2, 5 – 11 odd, 14 – 17, 20, 21

2. a.

b. To order the positions from least to greatest on a horizontal number line, write the integers as they appear on the horizontal number line from left to right.

To order the positions from least to greatest on a vertical number line, write the integers as they appear on the vertical number line from bottom to top.

5. <

7. >

9. >

11. >

14. $-3, -1, 0, 2, 3$

15. $-4, -3, -2, 1, 2$

16. $-4, -3, -2, 3, 4$

17. $-7, -4, 2, 3, 6$

20. a. 0

b. no

21. oxygen

Pg. 264 – 265 #2, 3, 15, 16, 17, 18, 22, 23, 24, 32

2. never; A negative decimal is to the left of 0 on a number line and a positive decimal is to the right of 0 on a number line.

3. -2.6

15. $>$

16. $<$

17. $>$

18. $>$

22. $-2, -1.8, -1.75, 0, 1.3$

23. $-5, -4.9, -4.35, -4.3, -4$

24. Sirius

32. D

Pg. 264 – 265, #10-14, 19, 20, 21, 28-31

10. $>$

11. $<$

12. $<$

13. $<$

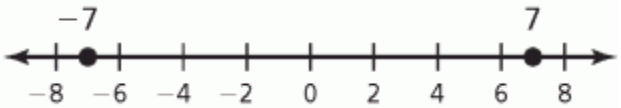
14. $<$

19. the larger sand dollar

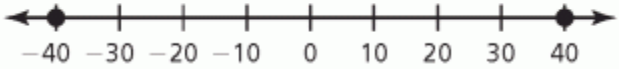
20. $-3, -2\frac{1}{2}, -2\frac{2}{5}, -2\frac{3}{10}, -2$

21. $-1, -\frac{3}{4}, -\frac{5}{8}, -\frac{1}{20}, 0$

28.



29.



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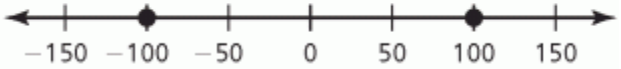

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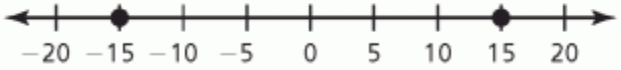
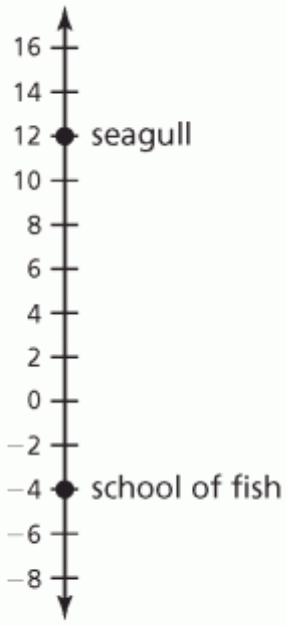


Pg. 272 – 273, #3, 5 – 29 odd

3. What integer is 3 units to the left of 0?; -3; 3

5.



Seagull

7. 2

9. 8.35

11. $3\frac{2}{5}$

13. 14.06

15. $-10, 10$

17. <

19. >

21. <

23. Scientist B

25. A; You owe more than \$25, so debt > \$25.

27. $-2, 0, |-1|, |4|, 5$

29. $-11, 0, |3|, |-6|, 9, 10$

Pg. 279 – 281, #5 – 19 odd, 25 – 29 odd

5. $(3, 1)$

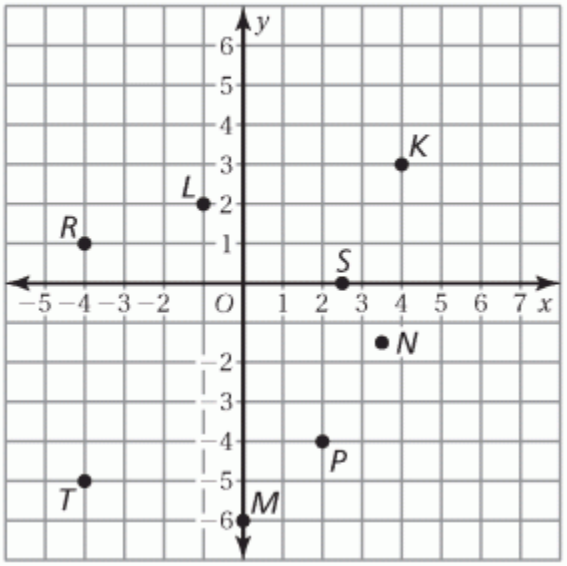
7. $(-2, 4)$

9. $(2, -2)$

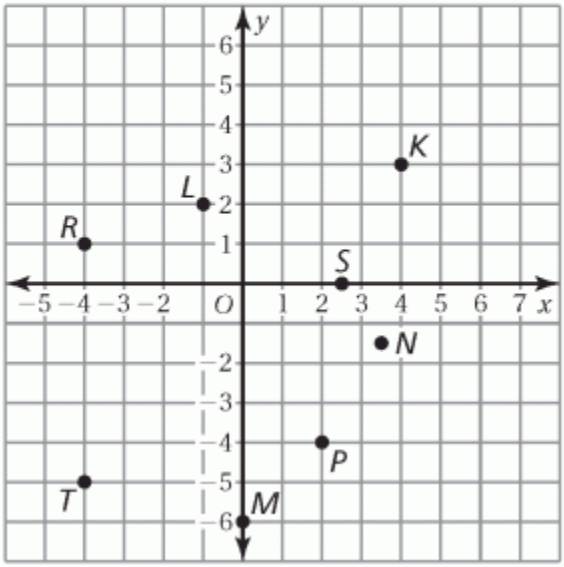
11. $(-4, 2)$

13. $(4, 0)$

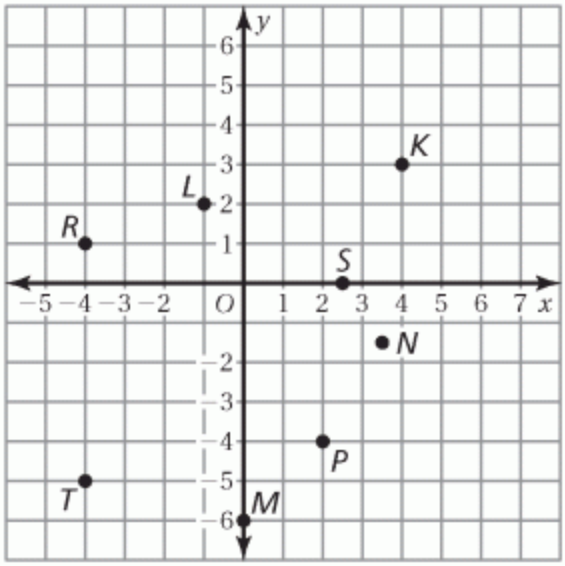
15. Quadrant I



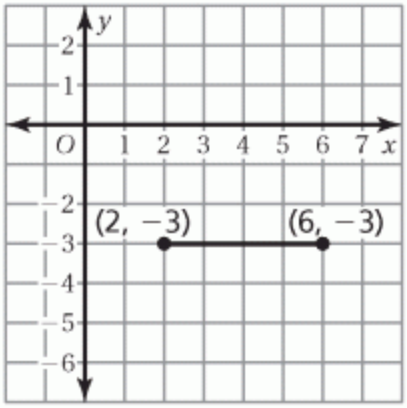
17. y-axis



19. Quadrant IV

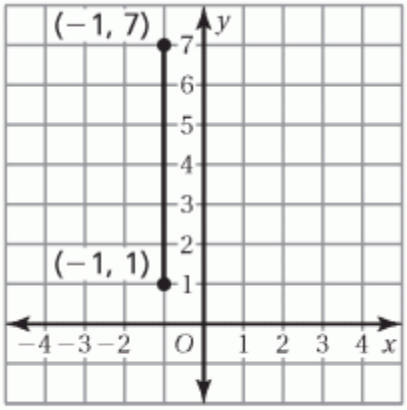


25.



4

27.



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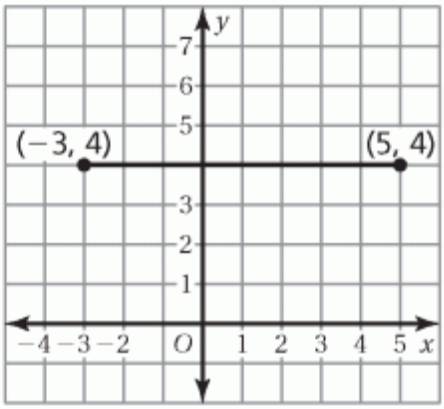
29.



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