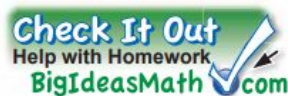


6.1 Exercises



Vocabulary and Concept Check

1. **VOCABULARY** Which of the following numbers are integers?

$$8, -4.1, -9, \frac{1}{6}, 1.75, 22$$

2. **OPEN-ENDED** Describe a real-life example that you can represent by -1200 .

3. **VOCABULARY** List three words or phrases used in real life that indicate negative numbers.

14. **STOCK MARKET** A stock market gains 83 points. The next day, the stock market loses 47 points. Write each amount as an integer.

Graph the integer and its opposite.

2 16. -5

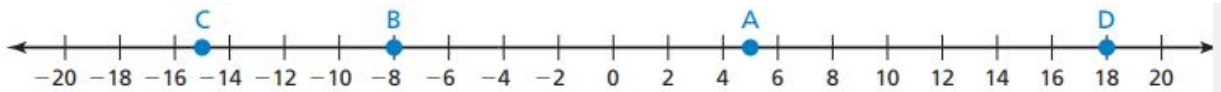
18. 14

24. **ERROR ANALYSIS** Describe and correct the error in describing positive integers.



The positive integers are $0, 1, 2, 3, \dots$

Identify the integer represented by the point on the number line.



26. A _____

28. C _____

31. REPEATED REASONING Choose any positive integer.

- a. Find the opposite of the integer.
- b. Find the opposite of the integer in part (a)
- c. What can you conclude about the opposite of the opposite of the integer?
Is this true for all integers? Use a number line to justify your answer.
- d. Describe the meaning of $-(-(-6))$. Find its value.

Integer I have chosen: _____

a. _____

b. _____

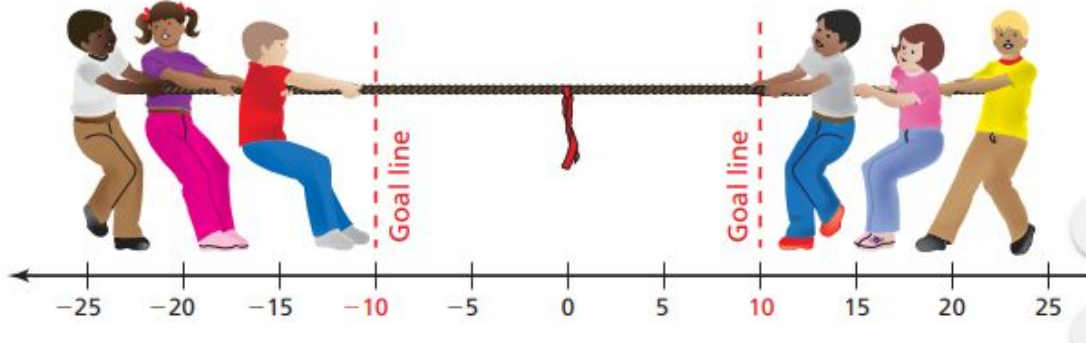
c. _____

Draw your number line below.

d. _____

Value: _____

32. **Number Sense** In a game of tug-of-war, a team wins by pulling the flag over its goal line. The flag begins at 0. During a game, the flag moves 8 feet to the right, 12 feet to the left, and 13 feet back to the right. Did a team win? Explain.





Fair Game Review What you learned in previous grades & lessons

Order the numbers from least to greatest. *(Skills Review Handbook)*

33. $\frac{7}{8}, \frac{1}{2}, \frac{3}{8}, \frac{3}{4}$

34. 4.5, 4.316, 4.32, 4.312

35. **MULTIPLE CHOICE** The height of a statue is 276 inches. What is the height of the statue in meters? Round your answer to the nearest hundredth. *(Section 5.7)*

- (A) 1.09 m (B) 7.01 m (C) 108.66 m (D) 701.04 m

33. _____

34. _____

