

Practice: Skills

Integers and Absolute Value

Write an integer for each situation.

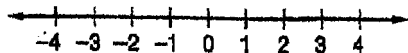
- 15°C below 0
- a profit of \$27
- 2010 A.D.
- average attendance is down 38 people
- 376 feet above sea level
- a withdrawal of \$200
- 3 points lost
- a bonus of \$150
- a deposit of \$41
- 240 B.C.
- a wage increase of \$120
- 60 feet below sea level

Evaluate each expression.

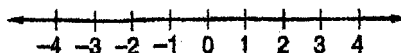
- $|-1|$
- $|9|$
- $|23|$
- $|-107|$
- $|-45|$
- $|19|$
- $|0|$
- $|6| - |-2|$
- $|-8| + |4|$
- $|-12| - |12|$

Graph each set of integers on a number line.

23. $\{0, 2, -3\}$



24. $\{-4, -1, 3\}$



Practice: Skills**Comparing and Ordering Integers**

Replace each \bullet with $<$ or $>$ to make a true sentence.

1. $-15 \bullet -16$

2. $-8 \bullet -7$

3. $0 \bullet -2$

4. $-2 \bullet -5$

5. $-25 \bullet 3$

6. $-14 \bullet |-20|$

7. $|-4| \bullet 3$

8. $|-6| \bullet |-7|$

9. $|-7| \bullet |2|$

10. $-8 \bullet |-9|$

Determine whether each sentence is *true* or *false*. If *false*, change one number to make the sentence true.

11. $-7 < 3$

12. $2 > 0$

13. $-20 < -22$

14. $12 < 15$

15. $3 > |-5|$

16. $|-2| < -3$

17. $|8| < |-10|$

18. $|-11| = 11$

19. $-4 < 4$

20. $|-9| < |-10|$

Order the integers from least to greatest.

21. 12, -6, 20, -47, -11

22. 9, -6, 0, -4, 17, -11

Order the integers from greatest to least.

23. -40, 65, -7, 24, -6, 15

24. $|-13|$, 0, 7, -8, -5, $|2|$