

Name: \_\_\_\_\_



PRACTICE



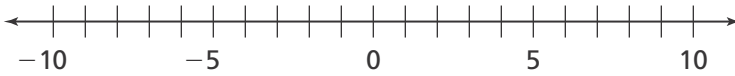
TUTORIAL

## 2-1 Additional Practice

Scan for  
Multimedia



In 1–6, plot each point on the number line below.



1.  $L(-8)$

2.  $M(3)$

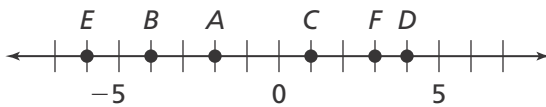
3.  $N(-4)$

4.  $O(2)$

5.  $P(-1)$

6.  $Q(-6)$

In 7–12, use the number line below. Write the integer value that each point represents, then write its opposite.



7. A

8. B

9. C

10. D

11. E

12. F

In 13–18, write the opposite of each integer.

13.  $-12$

14.  $63$

15.  $-(-10)$

16.  $33$

17.  $-101$

18.  $-(-54)$

In 19–24, compare the integers and write the integer with the greater value.

19.  $-2, 3$

20.  $-4, -1$

21.  $0, -7$

22.  $-(-5), 4$

23.  $-8, -(-6)$

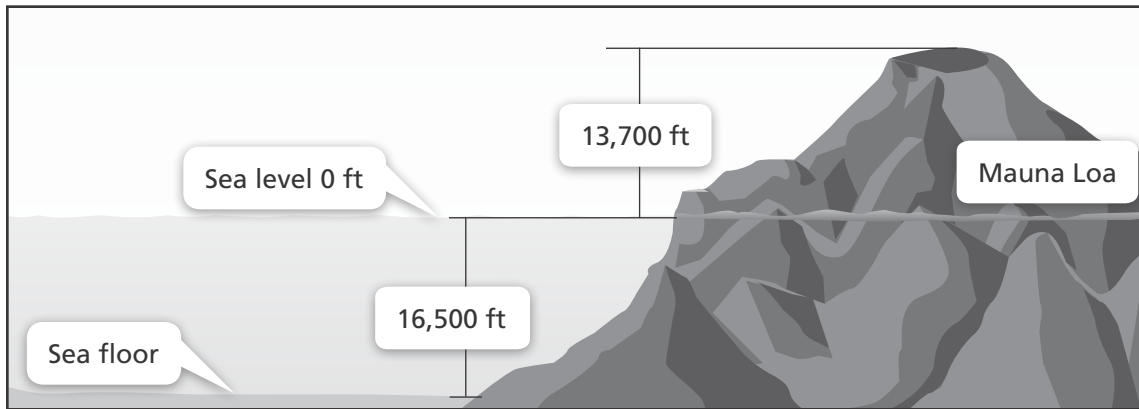
24.  $-(-3), -(-1)$

25. A contestant in a game show has 9,000 points. The contestant answers the next question incorrectly and loses 750 points. What integer represents a loss of 750 points?

26. Two people are scuba diving. One diver is 36 feet below the surface. The other diver is 44 feet below the surface. What integers represent where the divers are with respect to the surface? Which diver is deeper?



Mauna Loa, in Hawaii, is the largest above-sea-level volcano. In 27 and 28, use the diagram of Mauna Loa.



**27. Reasoning** Use a negative integer to represent the depth, in feet, of the sea floor. © MP.2

**28.** Mauna Loa depresses the sea floor, resulting in 26,400 more feet added to its height. What is the total height of Mauna Loa?

**29. Higher Order Thinking** In math, a letter such as  $p$  can be assigned as a variable to represent an unknown value. Give an example of a value for  $p$  that results in  $-p$  being a positive integer. Explain.

**30.** Roberto and Jeanne played a difficult computer game. Roberto's final score was  $-60$  points, and Jeanne's final score was  $-160$  points. Use  $<$ ,  $>$ , or  $=$  to compare the scores, then find the player who had the higher final score.

## © Assessment Practice

**31.** Draw lines to connect each integer on the left with its opposite on the right.

-4	$-(-40)$
40	-4
-40	-40
4	4

**32.** Draw lines to connect each integer on the left with its opposite on the right.

9	44
-12	-9
-44	-21
$-(-21)$	12