



PRACTICE



TUTORIAL

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

## 2-2 Additional Practice

Scan for  
Multimedia

In 1–8, write the number positioned at each point on the number line at the right.

1. A

2. B

3. C

4. D

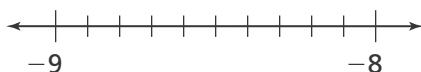
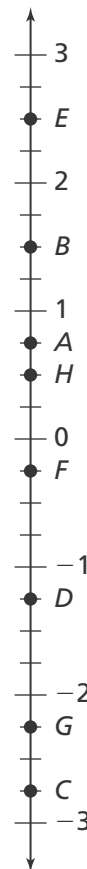
5. E

6. F

7. G

8. H

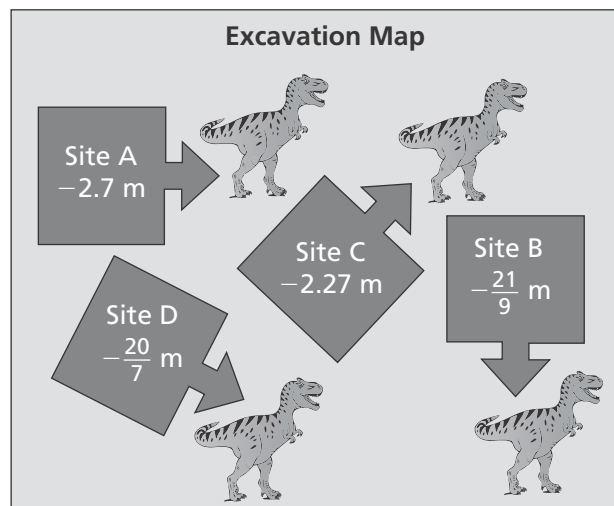
In 9–16, plot each point on the number line at the right.

9.  $S(2.75)$ 10.  $T\left(\frac{1}{4}\right)$ 11.  $U\left(-2\frac{1}{2}\right)$ 12.  $V(2.25)$ 13.  $W\left(1\frac{3}{4}\right)$ 14.  $X(-0.75)$ 15.  $Y(-1.75)$ 16.  $Z\left(-\frac{3}{1}\right)$ 17. Plot  $-8.7$  on the number line below.18. Draw a number line and plot  $-\frac{5}{3}$ .In 19–26, use  $<$ ,  $>$ , or  $=$  to compare.19.  $-12 \bigcirc -15$ 20.  $-\frac{1}{3} \bigcirc -1$ 21.  $-2 \bigcirc -2.1$ 22.  $\frac{1}{5} \bigcirc \frac{1}{4}$ 23.  $\frac{7}{10} \bigcirc -0.85$ 24.  $-0.66 \bigcirc -\frac{3}{4}$ 25.  $-4\frac{1}{2} \bigcirc -3.9$ 26.  $7\frac{1}{2} \bigcirc 7.75$ 

In 27 and 28, use the map at the right.

27. The map shows how deep archaeologists have dug at several excavation sites. Order the archaeological excavation sites from the least depth to the greatest depth.

28. Archaeologists are excavating a new Site E. On a number line, the depth of Site E is between the depths of Site A and Site B. What is a possible depth of Site E?



In 29–31, use the table at the right.

- 29. Reasoning** Suppose you plot the lengths in the table on a number line. Which track member's long jump length would be represented by the point closest to, but not equal to, 0 on the number line? Explain. © MP.2

Track Members	Long Jump Length Relative to State Qualifying Distance
Theresa	-5.625 in.
Ann	2 in.
Shirley	-3 in.
Delia	0 in.

- 30.** Delia's relative long jump length was recorded as 0. What does this mean?

- 31. Construct Arguments** Which track members did **NOT** qualify for the state championship? Construct an argument to explain how you know. © MP.3

- 32. Make Sense and Persevere** Order  $-6\frac{1}{4}$ ,  $-6.35$ ,  $-6\frac{1}{5}$ , and  $-6.1$  from greatest to least. Explain. © MP.1

- 33. Higher Order Thinking** Tyler says there are infinitely many rational numbers between 0 and 1. Do you agree? Explain.

## © Assessment Practice

- 34.** Which inequality is true?

- Ⓐ  $6.5 > \frac{25}{4}$   
Ⓑ  $-6.5 > -\frac{25}{4}$   
Ⓒ  $-6 > -5$   
Ⓓ  $5 > \frac{25}{4}$

- 35.** The numbers below are listed in order from least to greatest. Which could be a value for  $m$ ?

$$-0.75, m, -\frac{1}{2}, 0$$

- Ⓐ  $\frac{2}{3}$   
Ⓑ  $\frac{1}{3}$   
Ⓒ  $-\frac{2}{3}$   
Ⓓ  $-\frac{1}{3}$

