

Lesson 2 Practice Problems

1. For each number, name its opposite.

a. -5

a. 0.875

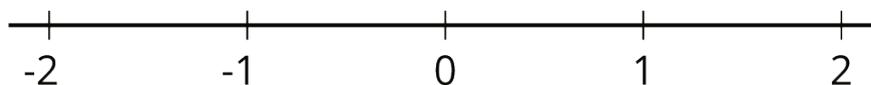
b. 28

b. 0

c. -10.4

c. -8,003

2. Plot the numbers -1.5 , $\frac{3}{2}$, $-\frac{3}{2}$, and $-\frac{4}{3}$ on the number line. Label each point with its numeric value.



3. Plot these points on a number line.

○ -1.5

○ the opposite of 0.5

○ the opposite of -2

○ -2

4. a. Represent each of these temperatures in degrees Fahrenheit with a positive or negative number.

■ 5 degrees above zero

■ 3 degrees below zero

■ 6 degrees above zero

■ $2\frac{3}{4}$ degrees below zero

b. Order the temperatures above from the coldest to the warmest.

(From Unit 7, Lesson 1.)

5. Solve each equation.

a. $8x = \frac{2}{3}$

b. $1\frac{1}{2} = 2x$

c. $5x = \frac{2}{7}$

d. $\frac{1}{4}x = 5$

e. $\frac{1}{5} = \frac{2}{3}x$

(From Unit 6, Lesson 5.)

6. Write the solution to each equation as a fraction and as a decimal.

a. $2x = 3$

b. $5y = 3$

c. $0.3z = 0.009$

(From Unit 6, Lesson 5.)

7. There are 15.24 centimeters in 6 inches.

a. How many centimeters are in 1 foot?

b. How many centimeters are in 1 yard?

(From Unit 3, Lesson 4.)