

Lesson 8 ~ Understanding Integers

Name _____ Period _____ Date _____

Find the opposite of each number.

1. 5

2. -9

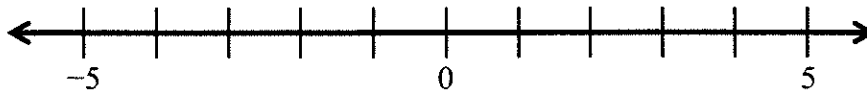
3. 2

4. 7.3

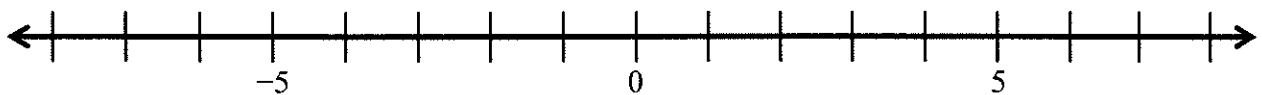
5. -200

6. $-\frac{1}{3}$

7. Graph the number 4 and its opposite.



8. Graph the following integers on the number line: -6, 7, -3, and 1.



9. Which of the following are integers? Circle your answers.

6 -4 $-2\frac{3}{4}$ -3 0 -9.5

Find each absolute value.

10. $|-11|$

11. $|2|$

12. $|5|$

13. $|-6|$

14. $|\frac{2}{5}|$

15. $|-1.5|$

16. What two numbers both have an absolute value of 9?

Write an integer to represent each situation.

17. An elevator stopped 46 feet above the ground.

18. Katie climbed 250 feet in elevation.

19. Carl owes his mom \$12.

20. The record low temperature in Portland, Oregon is 3°F below zero.

21. Name the integer represented by each point.



Lesson 9 ~ Comparing Integers

Name _____

Period _____

Date _____

Complete each statement using $<$ or $>$.

1. $4 \bigcirc 6$

2. $3 \bigcirc 0$

3. $-5 \bigcirc 0$

4. $-9 \bigcirc 9$

5. $-6 \bigcirc -3$

6. $-15 \bigcirc -23$

Order the integers from least to greatest.

7. $-4, 5, 0, 2$

8. $7, -2, 3, -1$

9. $-6, 0, -5, -7, -2$

10. $-3, -11, 2, -9, -6, 1$

11. $-38, -26, -19, -55$

12. $0, 13, -13, -7, 7$

13. Use the table to answer each part below.

a. Complete the table by using an integer to describe each temperature.

Low Temperatures in Yorkville	
In Words	Integer
7° F below zero	
12° F above zero	
2° F above zero	
14° F below zero	
2° F below zero	

b. List the temperatures from least to greatest.

14. Name five integers between -6 and 3 . Order them from least to greatest.

Copy and complete each statement using $<$, $>$ or $=$.

15. $|10| \bigcirc |8|$

16. $|-3| \bigcirc |3|$

17. $|-7| \bigcirc |-9|$