

Name _____

Rational Numbers and the Number Line

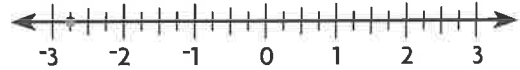


COMMON CORE STANDARDS—
6.NS.C.6a, 6.NS.C.6c Apply and extend previous understandings of numbers to the system of rational numbers. Also 6.NS.C.5

Graph the number on the number line.

1. $-2\frac{3}{4}$

The number is between the integers -3 and -2 .



It is closer to the integer -3 .

2. $-\frac{1}{4}$



3. -0.5



4. 1.75



5. $1\frac{1}{2}$



State whether the numbers are on the same or opposite sides of zero.

6. -2.4 and 2.3

7. $-2\frac{1}{5}$ and -1

8. -0.3 and 0.3

9. 0.44 and $-\frac{2}{3}$

Write the opposite of the number.

10. -5.23

11. $\frac{4}{5}$

12. -5

13. $-2\frac{2}{3}$

Problem Solving



14. The outdoor temperature yesterday reached a low of -4.5° F. Between what two integers was the temperature?

15. Jacob needs to graph $-6\frac{2}{5}$ on a horizontal number line. Should he graph it to the left or right of -6 ?

16. **WRITE** *Math* Describe how to plot $-3\frac{3}{4}$ on a number line.
