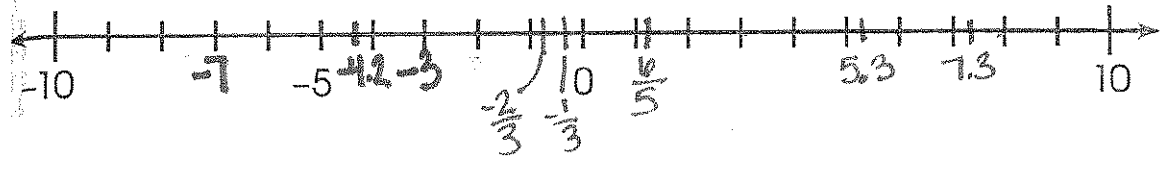


Key

Integers Unit Study Guide

SA Thursday, November 14 (AB) or Friday November 15 (CD)



Place the following numbers on the number line:

-3, -7, -4.2, 5.3, 7.3, -1/3, -2/3, 6/5

Write the opposite of each integer, then write the absolute value.

2 opposite: -2 absolute value: 2
 -17 opposite: 17 absolute value: 17

Use <, >, or = to compare the following integers:

-2 > -3 10 > -10 -6 < 7 -41 > -51

Put the following numbers in order from least to greatest:

~~9, 0, -3, -1, 17, -3/4~~ -3.4 -3 -1 0 9 17

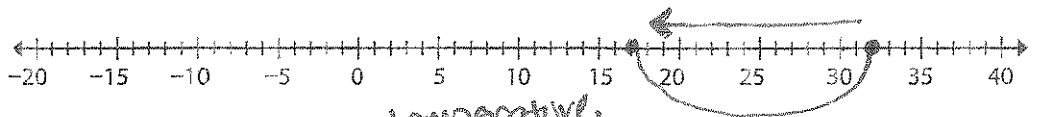
Give the integer that describes each of the following situations:

A temperature 5° below freezing -5°

1600 feet above sea level 1600

A withdrawal of \$40 -40

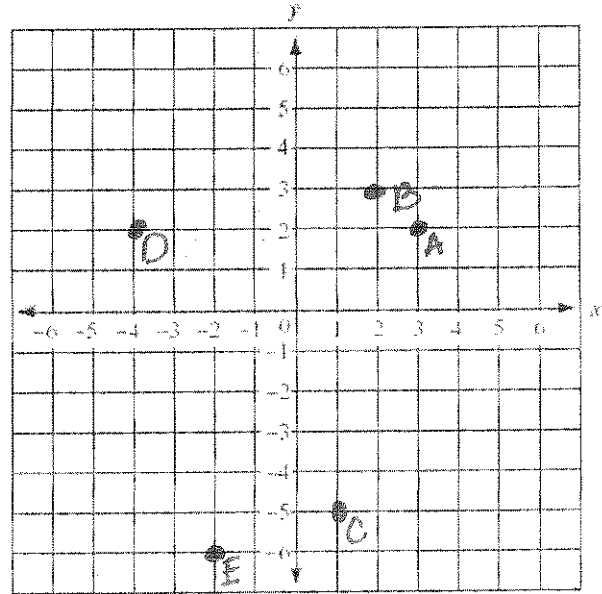
When Grace read the thermometer this morning, it was 32°F. When she read it just before bedtime the temperature was 17°F. What was the change in temperature from morning until bedtime? Represent the change in the temperature on the number line.



The change in temperature from morning to night was 15°F.

Plot the following points on the coordinate plane to the right:

- A (3, 2)
- B (2, 3)
- C (1, -5)
- D (-4, 2)
- E (-2, -6)



Tell which quadrant each of the following points will be found in:

(-5, -2) III (4, -2) IV (1, 7) I (-7, 3) II

When a point is reflected over the x-axis, the y coordinate changes into its opposite.

When a point is reflected over the y-axis, the x coordinate changes into its opposite.