



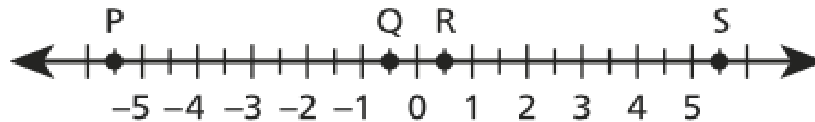
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Name: _____ Class: _____ Due Date: _____

6th Grade Math Problem of the Week

Answer the following questions and show the work in the space provided.

- 1) Which point on the number line below represents the number opposite the number $-5\frac{1}{2}$?



- A) point P B) point Q C) point R D) point S

- 2) The inequality below compares two rational numbers.

$$-\frac{8}{18} > -\frac{17}{27}$$

If the two numbers were plotted as values on a horizontal number line, which statement would be true?

- A Both numbers lie to the right of 0, and $-\frac{8}{18}$ lies to the left of $-\frac{17}{27}$.
- B Both numbers lie to the left of 0, and $-\frac{8}{18}$ lies to the left of $-\frac{17}{27}$.
- C Both numbers lie to the right of 0, and $-\frac{8}{18}$ lies to the right of $-\frac{17}{27}$.
- D Both numbers lie to the left of 0, and $-\frac{8}{18}$ lies to the right of $-\frac{17}{27}$.
- 3) Place a $>$, $<$, or $=$ symbol on each line to compare the rational numbers below.

- A). 1.2 _____ $\frac{8}{4}$ B). 10.2 _____ 10 C). 1.4 _____ $\frac{14}{7}$