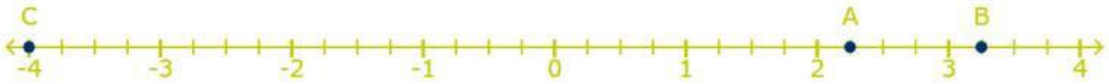
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Representation of the Rational Numbers

Consider the following number line:



What are the rational numbers represented by the points $A, B,$ and C respectively?

a. $\frac{13}{4}, 3, \frac{9}{4}$

b. $\frac{9}{4}, \frac{13}{4}, -4$

c. $\frac{13}{4}, -4, \frac{9}{4}$

d. $\frac{9}{4}, \frac{13}{4}, 3$

If $\frac{p}{q}$ lies to the left of $\frac{r}{s}$ on the number line, then

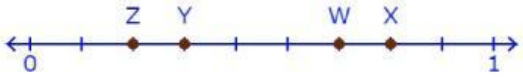
a. $\frac{p}{q} < \frac{r}{s}$

b. $\frac{p}{q} = \frac{r}{s}$

c. $\frac{p}{q} > \frac{r}{s}$

d. Both (a) and (c)

Which point represents $\frac{2}{9}$?



a. W

b. Y

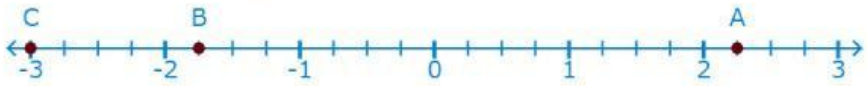
c. Z

d. X

LIVEWORKSHEETS

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Consider the following number line:



What are the rational numbers represented by the points $A, B,$ and C respectively?

a. $\frac{9}{4}, \frac{-7}{4}, -2$

b. $\frac{-7}{4}, -3, \frac{9}{4}$

c. $\frac{-7}{4}, -2, \frac{9}{4}$

d. $\frac{9}{4}, \frac{-7}{4}, -3$

Which of the following statements are true?

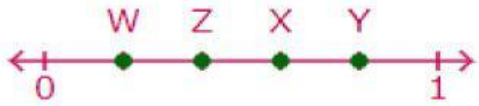
a. The rational numbers $\frac{46}{95}$ and $\frac{-59}{89}$ are on the opposite side of 0 on the number line.

b. The rational number $\frac{-10}{-77}$ lies to the left of 0 on the number line.

c. $\frac{-85}{88}$ lies to the right of 0 on the number line.

d. $\frac{-10}{77}$ lies to the left of 0 on the number line.

The point that represents $\frac{4}{5}$ is _____.



Let A and B represent the numbers 0 and 5 respectively on the number line.
Points C, D and E are between A and B such that AC = CD = DE = EB.
What are the rational numbers represented by the points C,D, E respectively?

a. $\frac{5}{4}, \frac{5}{4}, \frac{15}{4}$

b. $\frac{5}{4}, \frac{5}{2}, \frac{19}{4}$

c. $\frac{5}{4}, \frac{5}{2}, \frac{15}{4}$

d. None of these

LIVEWORKSHEETS