

Name:

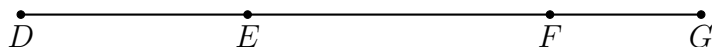
1.7 Exit Note Quiz: Length and perimeter, geometric notation

1. Given \overleftrightarrow{JK} as shown on the number line.



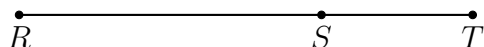
What is the midpoint between the points J and K ?

2. Do Now: Given \overline{DEFG} , $DE = 3\frac{1}{4}$, $EF = 6\frac{1}{4}$, and $FG = 1\frac{3}{4}$. (diagram not to scale)
 Find DG , expressed as a fraction, not a decimal.



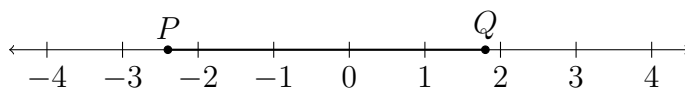
3. Given \overline{RST} , $RS = 5\frac{3}{4}$, and $RT = 8\frac{3}{8}$.

(a) Find ST as a fraction.



(b) The postulate used in this problem is the _____.

4. Given $P(-2.4)$ and $Q(1.8)$, as shown on the number line. Find the length of the line segment \overline{PQ} .

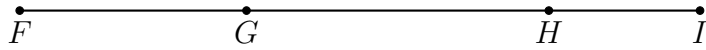


5. Given \overline{RST} , S bisects \overline{RT} , $RS = 17x - 10$, $ST = 13x - 2$. Find RT .
 Complete all the steps for full credit.

2

6. Given \overline{FGHI} , $FG = 8\frac{1}{6}$, $GH = 12\frac{1}{3}$, and $HI = 5\frac{1}{2}$. (diagram not to scale)

Find FI .



7. The perimeter of a rectangle is 54 centimeters. If its length is 6 cm., what is its width?