1.7 Exit Note Quiz: Length and perimeter, geometric notation
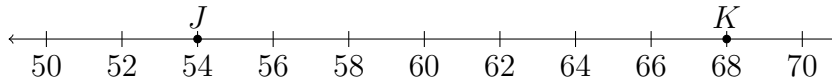
1. Given $\overleftrightarrow{JK}$ as shown on the number line.

   What is the midpoint between the points J and K?

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

3. 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.