

Triangle Proportionality Theorem

In $\triangle PQR$, $\overline{ST} \parallel \overline{RQ}$. If $PT = 7.5$, $TQ = 3$, and $SR = 2.5$, find PS .

$$\frac{PS}{SR} = \frac{PT}{TQ}$$

$$\frac{x}{2.5} = \frac{7.5}{3}$$

$$PS =$$

