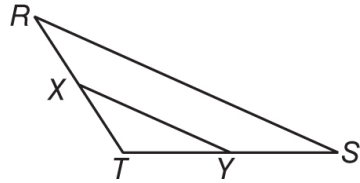


Honors Geometry
Proportional Parts of Triangles

Proportional Parts of Triangles

- In any triangle, a line _____ to one side of a triangle separates the other two sides _____.



- The converse is also true.

If $\overline{XY} \parallel \overline{RS}$, then $\frac{RX}{XT} = \frac{SY}{YT}$. If $\frac{RX}{XT} = \frac{SY}{YT}$, then $\overline{XY} \parallel \overline{RS}$.

$$\frac{\text{Part}}{\text{Part}} = \frac{\text{Part}}{\text{Part}} \text{ OR } \frac{\text{Part}}{\text{Whole}} = \frac{\text{Part}}{\text{Whole}}$$

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CLASSWORK Proportional Parts Practice:

