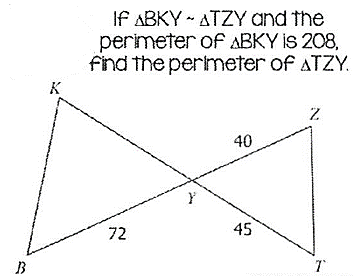
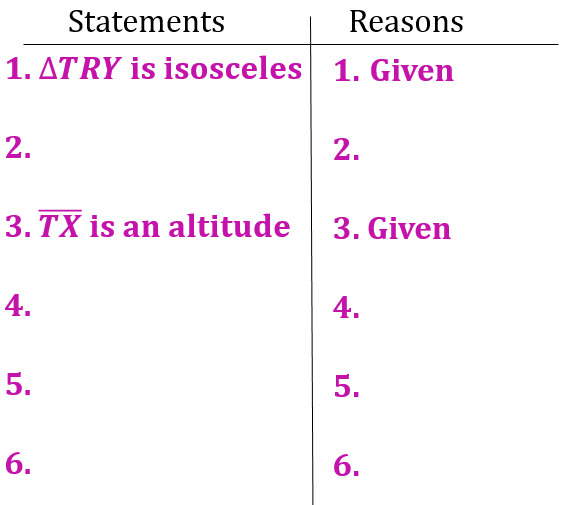
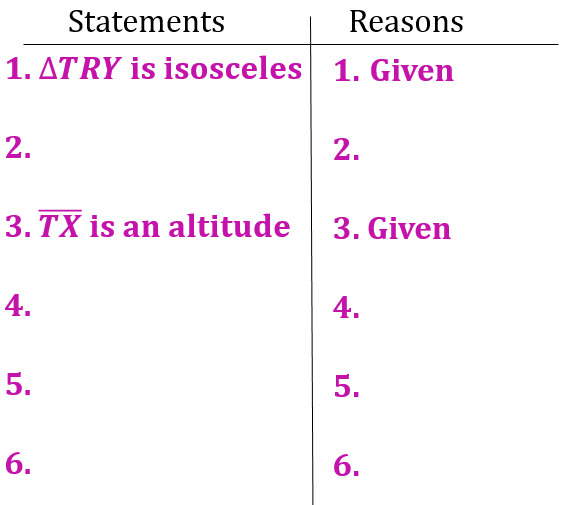
Guided Notes – Altitudes & Proof Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Warm Up**

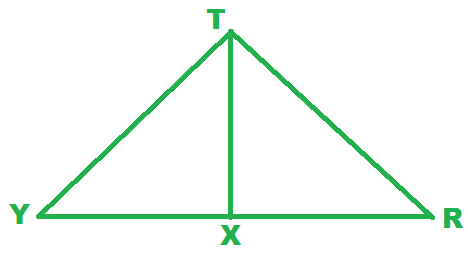
1. Solve for
2. If the perimeter of is 208, solve for
3. Fins the Perimeter of

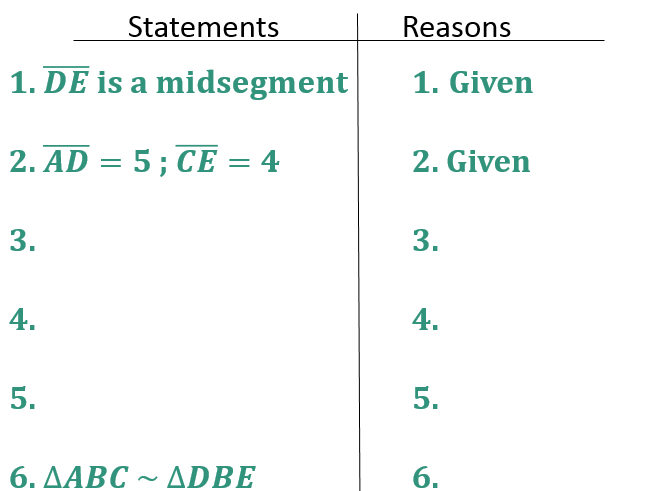
**Altitude:** a line segment through a vertex and perpendicular to the opposite side.

Example 1:

**Given:**

**Prove:**

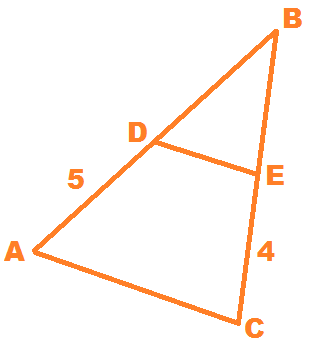
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Example 2:

**Given:**

;

**Prove:**

****