Theorem Graphic Organizer Key

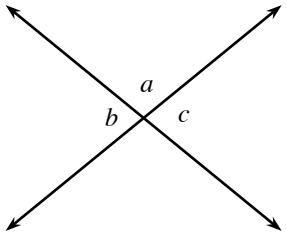
Theorem:

Vertical angles theorem:

Vertical angles are congruent.

Converse statement (if proved):

Diagram:



$\angle b \cong \angle c$

Reference: **1-70**

Theorem:

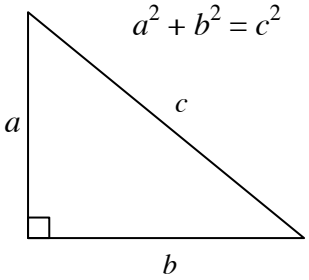
Pythagorean theorem:

If a triangle is a right triangle, then leg^2 + leg^2 = hypotenuse^2.

Converse statement (if proved):

If leg^2 + leg^2 = hypotenuse^2, then a triangle is a right triangle.

Diagram:



Reference: **Previous course**

Theorem:

Converse statement (if proved):

Diagram:

Reference:

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