

# Triangle Toolkit

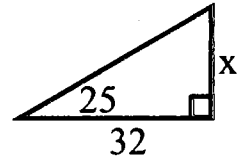
Tool Name: \_\_\_\_\_

Example (must show all steps):

When can we use this?

**Right Δ ONLY!**

Involves: an acute <  
 its \_\_\_\_\_  
 and its \_\_\_\_\_



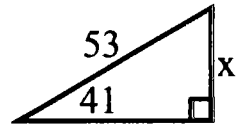
Tool Name: \_\_\_\_\_

Example (must show all steps):

When can we use this?

**Right Δ ONLY!**

Involves: an acute <  
 its \_\_\_\_\_  
 and the \_\_\_\_\_



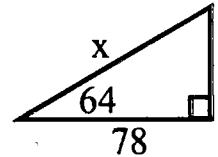
Tool Name: \_\_\_\_\_

Example (must show all steps):

When can we use this?

**Right Δ ONLY!**

Involves: an acute <  
 its \_\_\_\_\_  
 and the \_\_\_\_\_



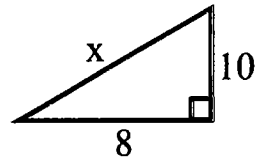
Tool Name: \_\_\_\_\_

Example 1 (must show all steps):

When can we use this?

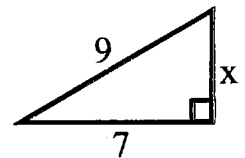
**Right Δ ONLY!**

Involves: Angle measures ok, but not needed  
 Must have: \_\_\_\_\_  
 Trying to find: \_\_\_\_\_



Example 2 (must show all steps):

Common triples:



Tool Name: \_\_\_\_\_

Example (must show all steps):

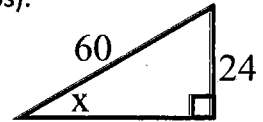
When can we use this?

**Right  $\Delta$  ONLY!**

Involves: Must have: \_\_\_\_\_

Trying to find: \_\_\_\_\_

Can be: \_\_\_\_\_



Tool Name: \_\_\_\_\_

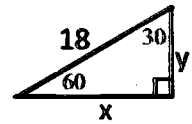
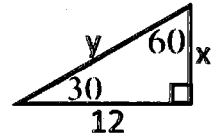
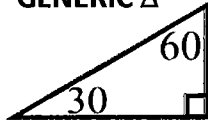
**GENERIC  $\Delta$**

**\*\*Just multiply the sides of the GENERIC by the zoom factor\*\***

When can we use this?

**30-60-90  $\Delta$  ONLY!**

Must have: \_\_\_\_\_



Tool Name: \_\_\_\_\_

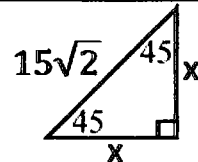
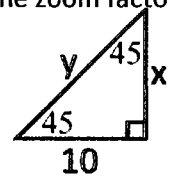
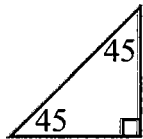
**GENERIC  $\Delta$**

**\*\*Just multiply the sides of the GENERIC by the zoom factor\*\***

When can we use this?

**45-45-90  $\Delta$  ONLY!**

Must have: \_\_\_\_\_



Tool Name: \_\_\_\_\_

Example (must show all steps):

When can we use this?

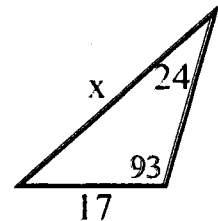
Must have: \_\_\_\_\_

Trying to find: \_\_\_\_\_

**OR**

Must have: \_\_\_\_\_

Trying to find: \_\_\_\_\_



Tool Name: \_\_\_\_\_

Example (must show all steps):

When can we use this?

Must have: \_\_\_\_\_

Trying to find: \_\_\_\_\_

**OR**

Must have: \_\_\_\_\_

Trying to find: \_\_\_\_\_

