

Triangle Toolkit

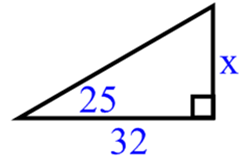
Tool Name: _____

Example (must show all steps):

When can we use this?

Right Δ ONLY!

Involves: an acute \angle
 its _____
 and its _____



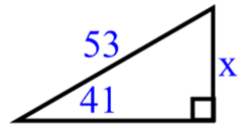
Tool Name: _____

Example (must show all steps):

When can we use this?

Right Δ ONLY!

Involves: an acute \angle
 its _____
 and the _____



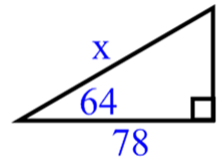
Tool Name: _____

Example (must show all steps):

When can we use this?

Right Δ ONLY!

Involves: an acute \angle
 its _____
 and the _____



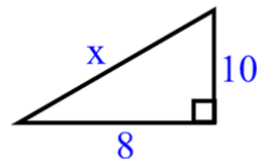
Tool Name: _____

Example 1 (must show all steps):

When can we use this?

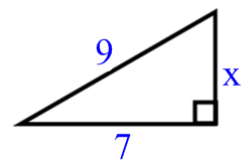
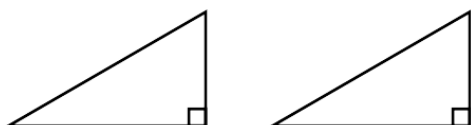
Right Δ ONLY!

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



Example 2 (must show all steps):

Common triples:

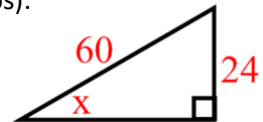


Tool Name: _____

Example (must show all steps):

When can we use this?

Right Δ ONLY!



Involves: Must have: _____

Trying to find: _____

Can be: _____

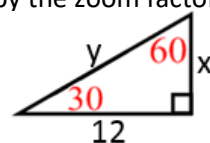
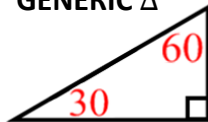
Tool Name: _____

GENERIC Δ

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

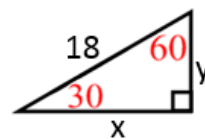
When can we use this?

30-60-90 Δ ONLY!



Must have: _____

Can't assume: _____



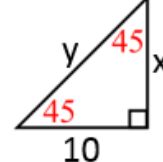
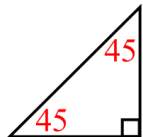
Tool Name: _____

GENERIC Δ

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

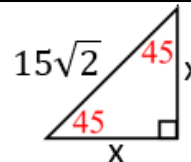
When can we use this?

45-45-90 Δ ONLY!



Must have: _____

Can't assume: _____



Tool Name: _____

Example (must show all steps):

When can we use this?

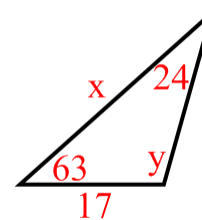
Must have: _____

Trying to find: _____

OR

Must have: _____

Trying to find: _____



Tool Name: _____

Example (must show all steps):

When can we use this?

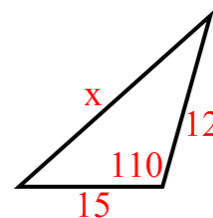
Must have: _____

Trying to find: _____

OR

Must have: _____

Trying to find: _____



Tool Name: _____

Example (must show all steps):

When can we use this?

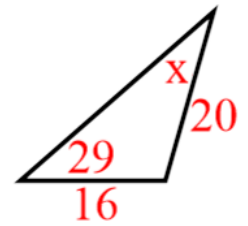
Must have: _____

Trying to find: _____

OR

Must have: _____

Trying to find: _____



**FINDING ANGLE MEASURE
USING LAW OF SINES**

Tool Name: _____

Example (must show all steps):

When can we use this?

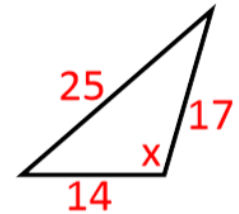
Must have: _____

Trying to find: _____

OR

Must have: _____

Trying to find: _____



**FINDING ANGLE MEASURE
USING LAW OF COSINES**

Tool Name: _____

Example (must show all steps):

When can we use this?

Find the AREA of this triangle

Must have: _____

Trying to find: _____

