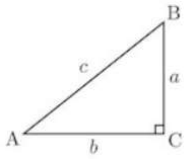
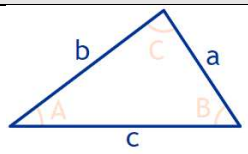
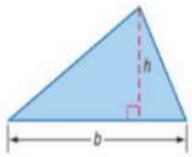
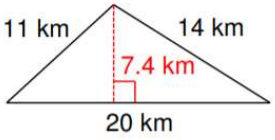
Lesson 5: Perimeter and Area of Triangles

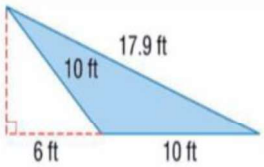
Pythagorean's Theorem	Perimeter	Area (given base & height)
		



Base	Height

Sides

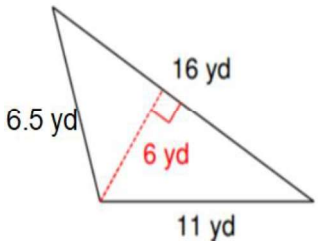
Perimeter	Area (nearest tenth)



Base	Height

Sides

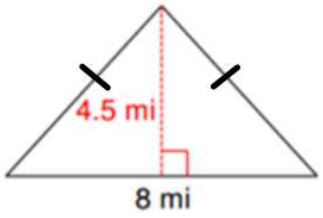
Perimeter	Area (nearest tenth)



Base	Height

Sides

Perimeter	Area (nearest tenth)

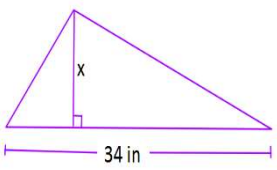


Base	Height

Sides

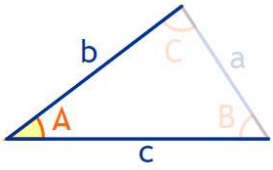
Perimeter	Area (nearest tenth)

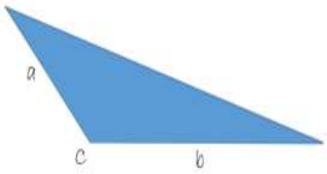
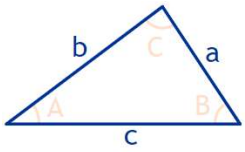
Find the height if the A = 357 in^2

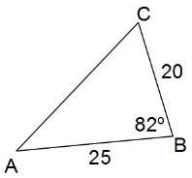


The base of a triangle is six times its height. If the area of the triangle is 507 square centimeters, find its base and height.

Rewrite the area formula using trig:

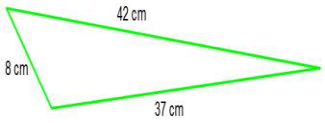


Area (given SAS)	Area (give 3 sides)
	



Base	Height

Sides

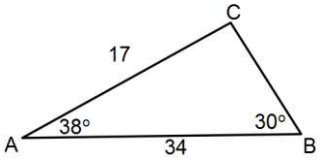


Base	Height

Sides

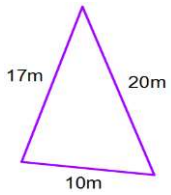
Which Formula?	Area (nearest tenth)

Which Formula?	Area (nearest tenth)



Base	Height

Sides



Base	Height

Sides

Which Formula?	Area (nearest tenth)

Which Formula?	Area (nearest tenth)