

riend is 20°, how far is he from the point on the ground directly below the balloon?

missing angle.

Theorem to find the

Use the Triangle Sum

to find a missing angle. Use an inverse trig ratio

Sketch the right triangle.

find third side. Use the Pythagorean Theorem to :

$$problem = 0$$

$$= q$$

find third side. Use the Pythagorean Theorem to

.ebis gnissim Use a trig ratio to find a

missing angle. Theorem to find the Use the Triangle Sum

$$m = 3 \qquad = 37m$$

$$L = q = 48^{\circ}$$

Sketch the right triangle. Solve the triangle given an angle and a side

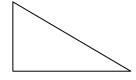
Solve the triangle given two sides



To solve a right triangle means...

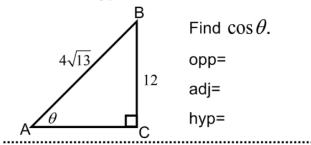
Triangle Sum Theorem:

Pythagorean Theorem:



Find the trig ratio for θ Example 1

Given the hypotenuse and a side



Given two sides

