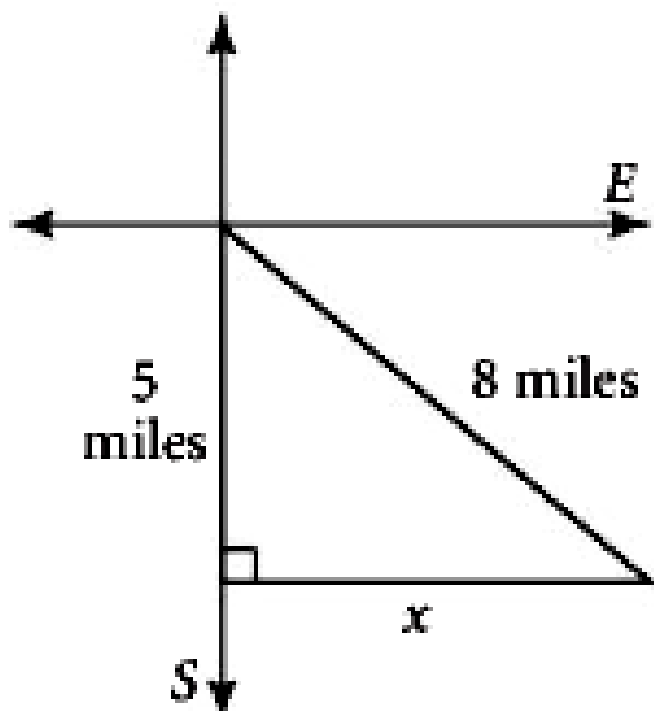


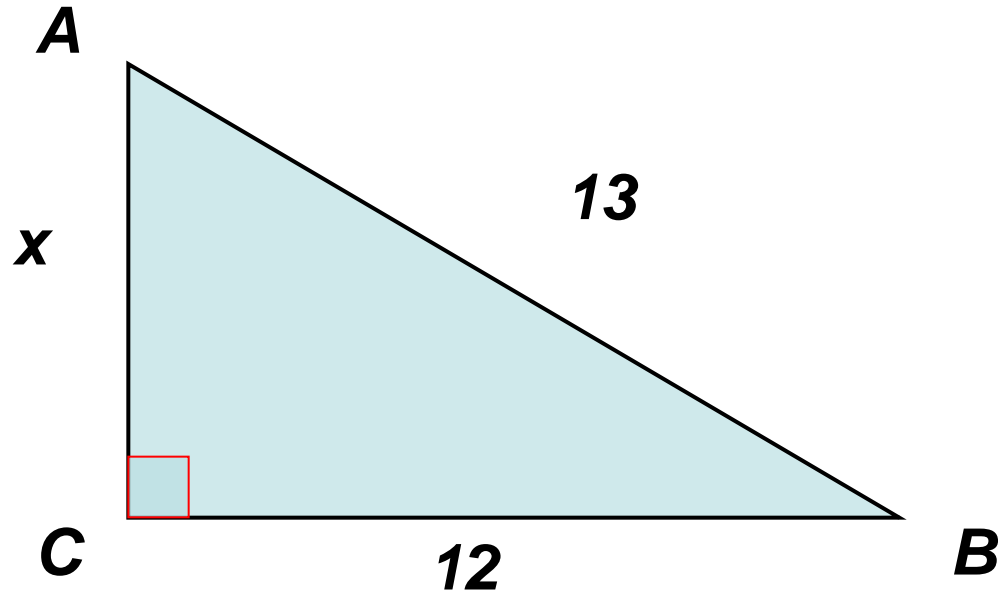
A cross country skier is moving south through Soda Springs. Five miles from his destination, he veers off course for 8 miles. Use the diagram below to determine about how many miles, x , the skier is from his destination. **(Lesson 8-6)**



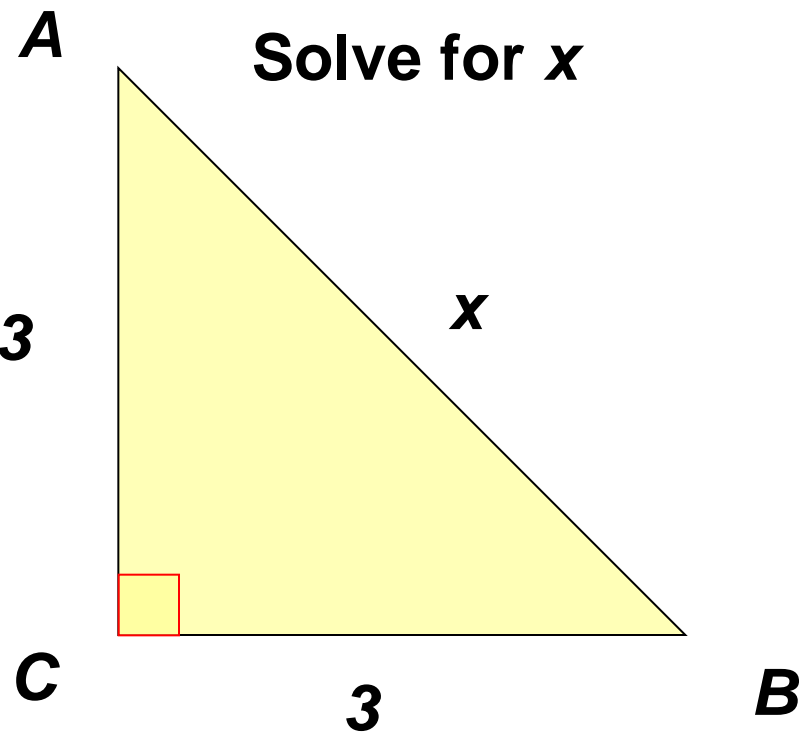
- A 6.2 B 3.0 C 39.0 D 21.6

**Warm-
UP**

Solve for x

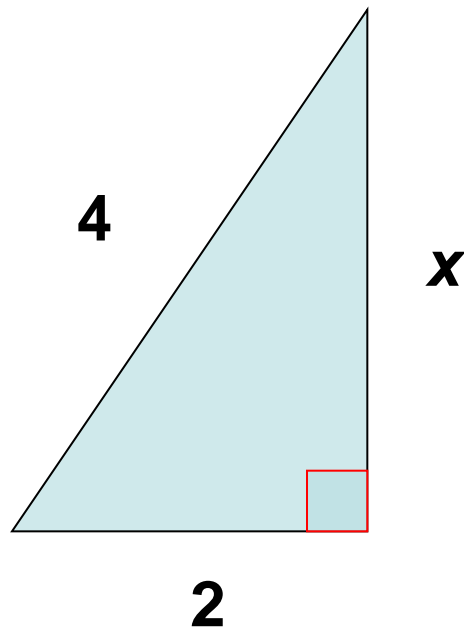


45° 45° 90°

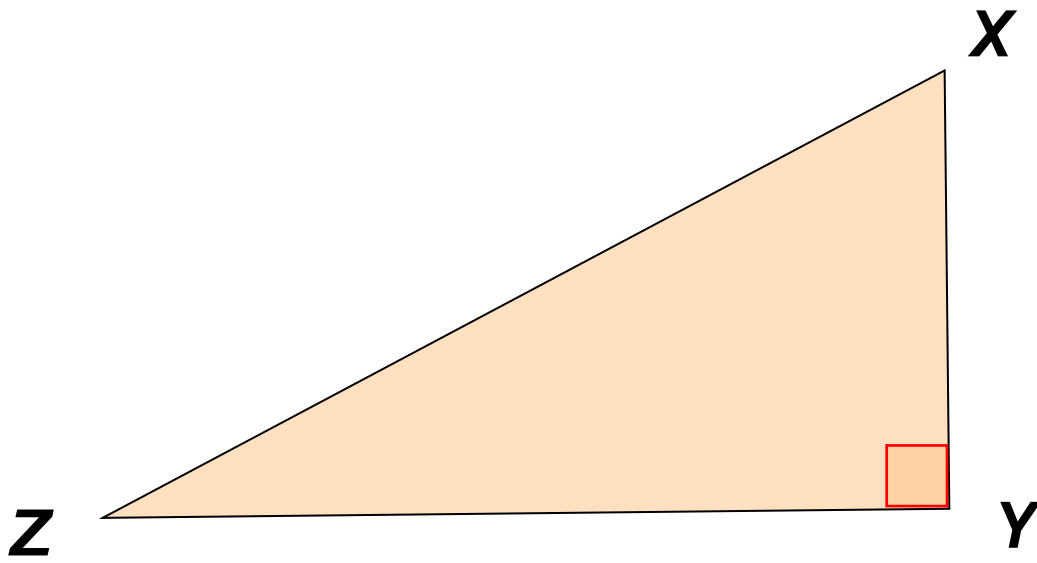


30° 60° 90°

Solve for x



**Parts of a
Right
Triangle**



Hypotenuse

Adjacent
Leg

Opposite
Leg

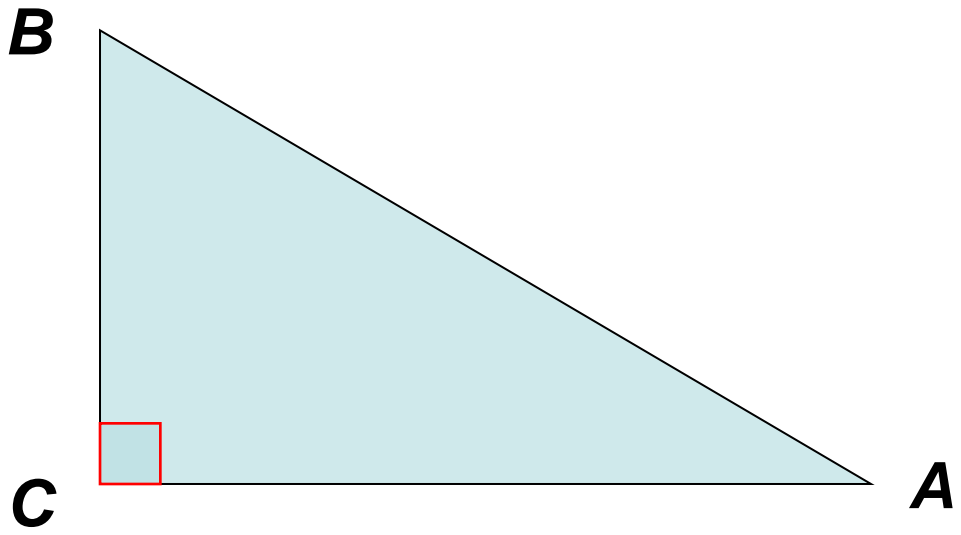
Adjacent
Leg

Opposite
Leg

$\angle X$

$\angle Z$

**Parts of a
Right
Triangle**



Hypotenuse	Adjacent Leg	Opposite Leg	Adjacent Leg	Opposite Leg
	$\angle A$		$\angle B$	

Assignment:

Complete the identifying parts of a right triangle