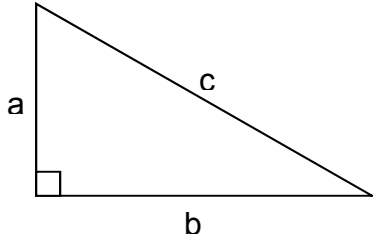


5.7 Pythagorean Theorem



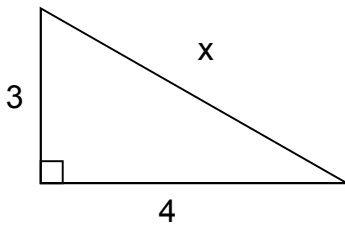
Legs: _____ & _____

Hypotenuse: _____

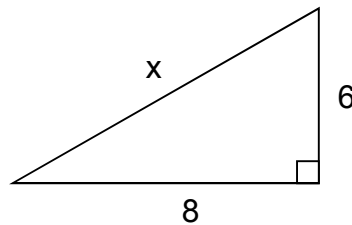
Pythagorean Theorem: In a right triangle, the _____ of the squares of the _____ of the legs equals the _____ of the length of the hypotenuse.

$$a^2 + b^2 = \underline{\hspace{2cm}}$$

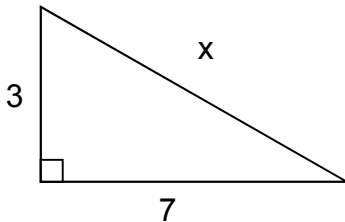
Ex. 1



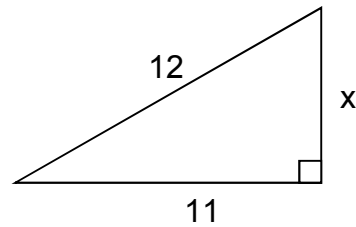
Ex. 2



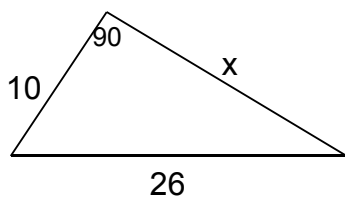
Ex. 3



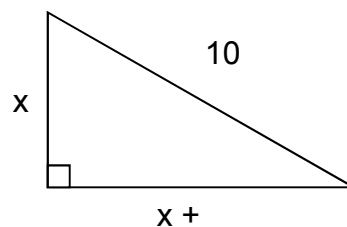
Ex. 4



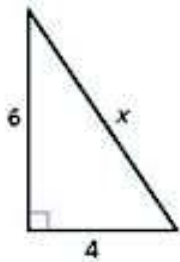
Ex. 5



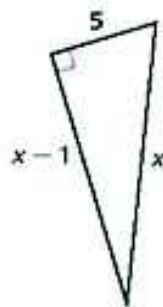
Ex. 6



Ex 7



Ex. 8



Ex. 9: Find the length of the diagonal of a square with perimeter 12.