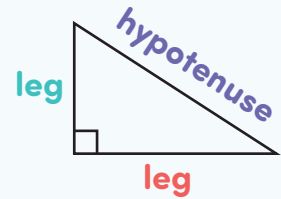


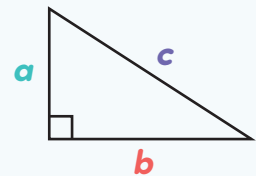
PYTHAGOREAN THEOREM: **FIND THE MISSING HYPOTENUSE**

The Pythagorean theorem relates the sides of a right triangle. It states that in a right triangle, the square of the hypotenuse is equal to the sum of the squares of the legs.

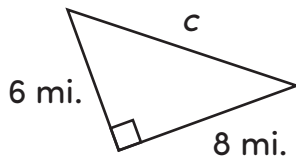


Use the following equation to show the Pythagorean theorem, where *a* and *b* represent the legs and *c* represents the hypotenuse:

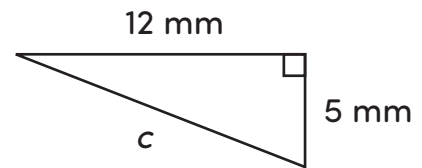
$$a^2 + b^2 = c^2$$



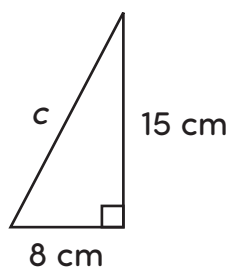
Apply it! Use the Pythagorean theorem to find the length of each missing hypotenuse.



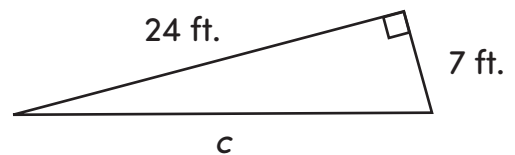
c = _____



c = _____



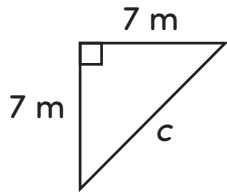
c = _____



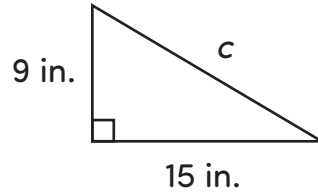
c = _____

PYTHAGOREAN THEOREM: **FIND THE MISSING HYPOTENUSE**

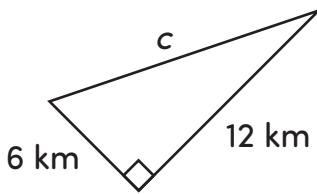
Keep going! Use the Pythagorean theorem to find the length of each missing hypotenuse. Round each answer to the nearest tenth.



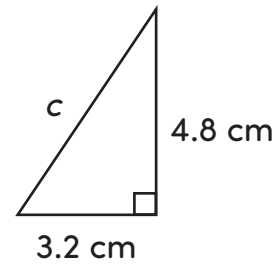
$c \approx$ _____



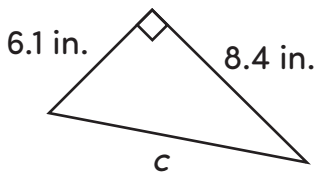
$c \approx$ _____



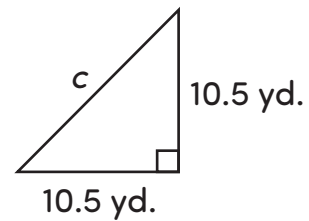
$c \approx$ _____



$c \approx$ _____



$c \approx$ _____



$c \approx$ _____