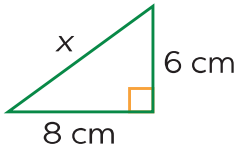
Name _____ Date _____

Pythagorean Theorem:
CRACK THE CODE

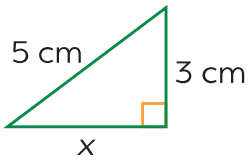
Use the Pythagorean theorem, $a^2 + b^2 = c^2$, to solve for the missing side length in each right triangle. Then, look for any places where that number appears in the code at the bottom of the page, and write the corresponding letter on the line. Use the code to reveal the rest of the joke! Note: Not every letter will be used in the code at the bottom.

S



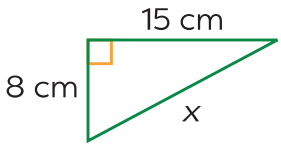
$x =$ _____ cm

I



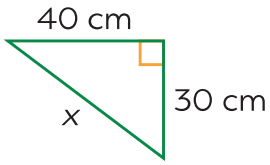
$x =$ _____ cm

A



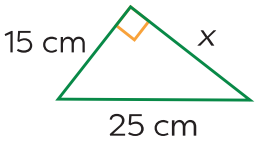
$x =$ _____ cm

V



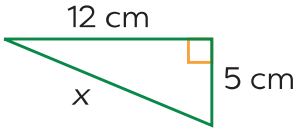
$x =$ _____ cm

N



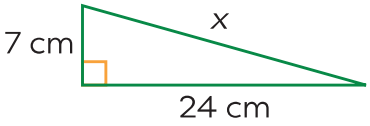
$x =$ _____ cm

E



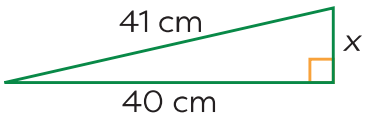
$x =$ _____ cm

G



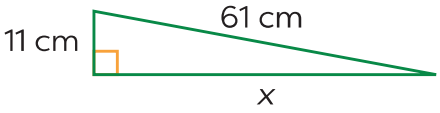
$x =$ _____ cm

T



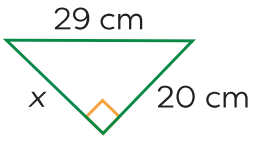
$x =$ _____ cm

R



$x =$ _____ cm

H



$x =$ _____ cm

Why is the obtuse triangle always so frustrated?

			,												!
4	9	10		20	13	50	13	60		60	4	25	21	9	

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