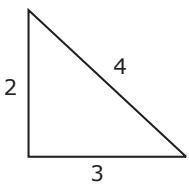
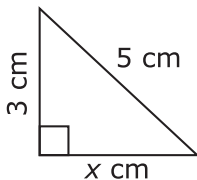
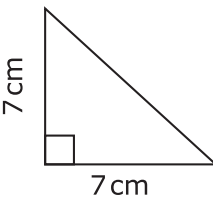
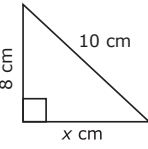
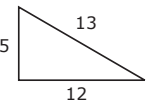
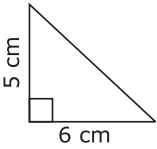
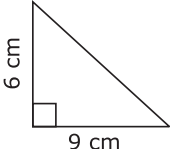
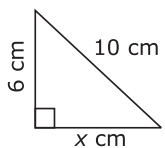
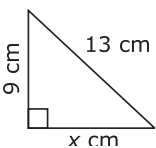


Pythagorean Theorem - Part 1 Chain Reaction

9.4 cm K Do the following values form a right triangle? Explain 	8 cm B A rectangle has a length of 15 inches and a width of 5 inches. What is the length of the diagonal that would divide the rectangle into two equal triangles?	25 cm A  What is the value of x in the right triangle?	14.4 cm J  What is the length of the hypotenuse?
no, because $2^2 + 3^2 \neq 4^2$ $4 + 9 \neq 16$ E A right triangle has two legs that measure 12 inches and 10 inches. What is the measure of the hypotenuse?	15.8 inches L  What is the value of x in the right triangle?	4 cm G Do the following values form a right triangle? Explain 	9.9 cm M A rectangle has a length of 15 inches and a width of 8 inches. What is the length of the diagonal that would divide the rectangle into two equal triangles?
15.6 inches P A right triangle has two legs that measure 10 cm and 14 cm. What is the measure of the hypotenuse?	6 cm C  What is the length of the hypotenuse?	yes, because $5^2 + 12^2 = 13^2$ $25 + 144 = 169$ I  What is the length of the hypotenuse?	17 inches F A right triangle has two legs that measure 5 cm and 12 cm. What is the measure of the hypotenuse?
17.2 cm H  What is the value of x in the right triangle?	7.8 cm O A rectangle has a length of 24 cm and a width of 7 cm. What is the length of the diagonal that would divide the rectangle into two equal triangles?	10.8 cm N A right triangle has two legs that measure 8 cm and 12 cm. What is the measure of the hypotenuse?	13 cm D  What is the value of x in the right triangle?

(Round all values to the nearest tenth.)

Key: K, E, P, H, B, L, C, O, A, G, I, N, J, M, F, D, back to K