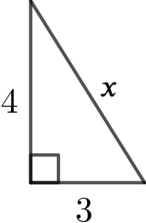
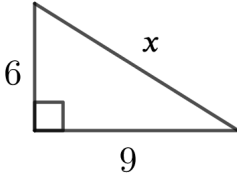
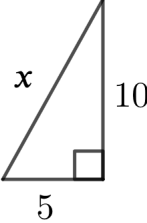
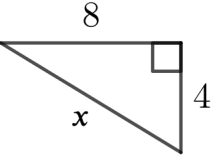
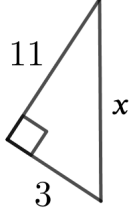
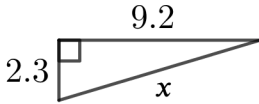
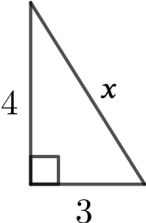
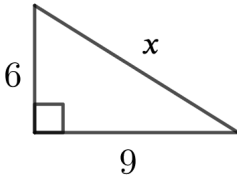
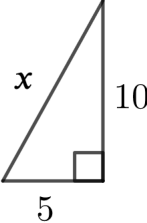
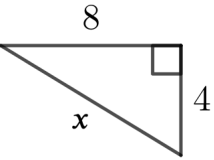
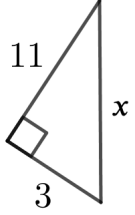
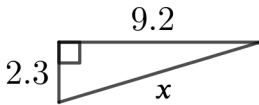


Using Pythagoras' theorem to find the hypotenuse

Question						
Pythagoras' theorem	$x^2 = 3^2 + 4^2$	$x^2 = 6^2 + 9^2$	$x^2 = 5^2 + 10^2$	$x^2 = 8^2 + 4^2$	$x^2 = 3^2 + 11^2$	$x^2 = 2.3^2 + 9.2^2$
Calculate	$x^2 = 9 + 16$	$x^2 = 36 + 81$	$x^2 = 25 + 100$	$x^2 = 64 + 16$	$x^2 = 9 + 121$	$x^2 = 5.29 + 84.64$
Sum	$x^2 = 25$	$x^2 = 117$	$x^2 = 125$	$x^2 = 80$	$x^2 = 130$	$x^2 = 89.93$
Square root	$x = \sqrt{25}$	$x = \sqrt{117}$	$x = \sqrt{125}$	$x = \sqrt{80}$	$x = \sqrt{130}$	$x = \sqrt{89.93}$
Solve	$x = 5$	$x = 10.8$	$x = 11.2$	$x = 8.9$	$x = 9.5$	$x = 9.5$

Using Pythagoras' theorem to find the hypotenuse

Question						
Pythagoras' theorem	$x^2 = 3^2 + 4^2$	$x^2 = 6^2 + 9^2$	$x^2 = 5^2 + 10^2$	$x^2 = 8^2 + 4^2$	$x^2 = 3^2 + 11^2$	$x^2 = 2.3^2 + 9.2^2$
Calculate	$x^2 = 9 + 16$	$x^2 = 36 + 81$	$x^2 = 25 + 100$	$x^2 = 64 + 16$	$x^2 = 9 + 121$	$x^2 = 5.29 + 84.64$
Sum	$x^2 = 25$	$x^2 = 117$	$x^2 = 125$	$x^2 = 80$	$x^2 = 130$	$x^2 = 89.93$
Square root	$x = \sqrt{25}$	$x = \sqrt{117}$	$x = \sqrt{125}$	$x = \sqrt{80}$	$x = \sqrt{130}$	$x = \sqrt{89.93}$
Solve	$x = 5$	$x = 10.8$	$x = 11.2$	$x = 8.9$	$x = 9.5$	$x = 9.5$