Using Pythagoras' theorem to find the hypotenuse

Shared	on	mathslinks.net
Jiluicu	011	machismici

Question	4	$6 \boxed{\begin{array}{c} x \\ 9 \end{array}}$	$\begin{array}{c c} x \\ \hline \\ 5 \\ \end{array}$ 10	8	11 x 3	9.2 $2.3 \qquad x$
Pythagoras' theorem	$x^2 = 3^2 + 4^2$	$x^2 = 6^2 + 9^2$	$x^2 = 5^2 + 10^2$	$x^2 = 8^2 + 4^2$		
Calculate	$x^2 = 9 + 16$	$x^2 = 36 + 81$	$x^2 = 25 + 100$	$x^2 =$		
Sum	$x^2 = 25$	$x^2 = 117$	$x^2 =$	$x^2 =$		
Square root	$x = \sqrt{25}$	<i>x</i> =	<i>x</i> =	<i>x</i> =		
Solve	x =	x =	x =	x =		

Using Pythagoras' theorem to find the hypotenuse

Shared on mathslinks.net

Question		$6 \boxed{\begin{array}{c} x \\ 9 \end{array}}$	$\begin{array}{c} x \\ 10 \\ 5 \\ 5 \end{array}$		11 x 3	$\begin{array}{c c} 9.2 \\ 2.3 \\ \hline x \end{array}$
Pythagoras' theorem	$x^2 = 3^2 + 4^2$	$x^2 = 6^2 + 9^2$	$x^2 = 5^2 + 10^2$	$x^2 = 8^2 + 4^2$		
Calculate	$x^2 = 9 + 16$	$x^2 = 36 + 81$	$x^2 = 25 + 100$	$x^2 =$		
Sum	$x^2 = 25$	$x^2 = 117$	$x^2 =$	$x^2 =$		
Square root	$x = \sqrt{25}$	<i>x</i> =	<i>x</i> =	<i>x</i> =		
Solve	x =	x =	x =	x =		