

## mobius

## Pythagorean Equation from Variables - Length of Hypotenuse (Squared Values)



Length of Hypotenuse (Squared values)			
Find what the square of 'c' would be equal to	$c^2=5$ $c^2=65$ $c^2=9$	Find what the square of 'c' would be equal to	$c^{^{\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!$
$egin{aligned} a^2+b^2=c^2\ a=5 \end{aligned}$	D E F	$\begin{vmatrix} a^2 + b^2 = c^2 \\ a = 2 \end{vmatrix}$	$\overset{ ext{c}}{c}^2 =  ext{14} \overset{ ext{d}}{c}^2 =  ext{49}$
$b=4 \ c=?$	$c^2 = 41$ $c^2 = 31$ $c^2 = 52$	$egin{array}{c} b = 5 \ c = ? \end{array}$	$\overset{{}_{\scriptscriptstyle{ar{c}}}}{c^2} = 29\overset{{}_{\scriptscriptstyle{ar{c}}}}{c^2} = 50$
Find what the square of 'c' would be equal to	$c^2 = 34c^2 = 225$		$egin{array}{ c c c c c c c c c c c c c c c c c c c$
$egin{aligned} a^2+b^2=c^2\ a=5 \end{aligned}$	$\overset{ ext{c}}{c^2} =  ext{25}\overset{ ext{D}}{c^2} =  ext{11}$	$egin{aligned} a^2+b^2=c^2\ a=2 \end{aligned}$	D E F
$egin{array}{c} b = 3 \ c = \mathbf{?} \end{array}$	$\overset{{}_{\scriptscriptstyle{E}}}{c^2} = 84\overset{{}_{\scriptscriptstyle{F}}}{c^2} = 17$	$egin{array}{c} b = 4 \ c = ? \end{array}$	$c^2 = 28$ $c^2 = 4$ $c^2 = 38$
Find what the square of 'c' would be equal to	$egin{array}{cccccccccccccccccccccccccccccccccccc$	Find what the square of 'c' would be equal to	$c^2=16$ $c^2=2$ $c^2=38$
$egin{aligned} a^2+b^2=c^2\ a=4 \end{aligned}$	D E F	$egin{aligned} a^2+b^2=c^2\ a=2 \end{aligned}$	D E F
$b=2 \ c=?$	$c^2 = 8c^2 = 61c^2 = 12$	$b=2 \ c=?$	$c^2 = 1$ $c^2 = 8$ $c^2 = 13$
7 Find what the square of 'c' would be equal to	A B C $c^2=34c^2=11c^2=25$	Find what the square of 'c' would be equal to	$egin{array}{ c c c c c c c c c c c c c c c c c c c$
$\begin{vmatrix} a^2 + b^2 = c^2 \\ a = 3 \end{vmatrix}$	D E F	$egin{aligned} a^2+b^2=c^2\ a=3 \end{aligned}$	D E F
b=5 $c=?$	$c^2 = 70$ $c^2 = 16$ $c^2 = 45$	$b=2 \ c=?$	$c^2 = 8$ $c^2 = 4$ $c^2 = 38$