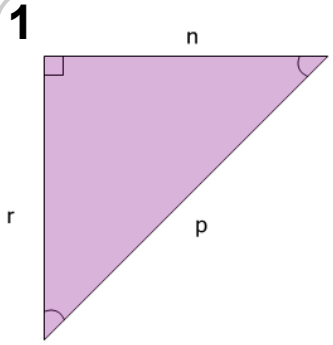
Name

Pythagorean Theorem - Variable-Named Sides to Square Equation

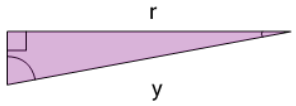
1



Find the square of side p as an equation based on the Pythagorean theorem

A	B
$p^2 = r^2 + n^2$	$p^2 = r^2 - n^2$

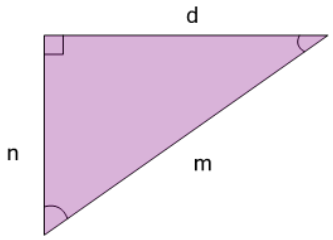
2



Find the square of side y as an equation based on the Pythagorean theorem

A	B
$y^2 = d^2 + r^2$	$y^2 = d^2 - r^2$

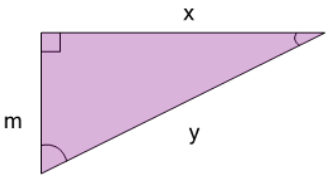
3



Find the square of side m as an equation based on the Pythagorean theorem

A	B
$m^2 = n^2 - d^2$	$m^2 = n^2 + d^2$

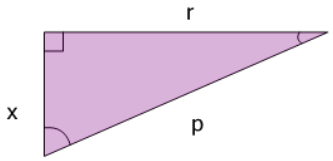
4



Find the square of side x as an equation based on the Pythagorean theorem

A	B
$x^2 = y^2 - m^2$	$x^2 = y^2 + m^2$

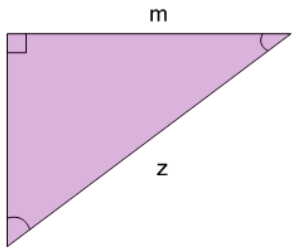
5



Find the square of side p as an equation based on the Pythagorean theorem

A	B
$p^2 = x^2 + r^2$	$p^2 = x^2 - r^2$

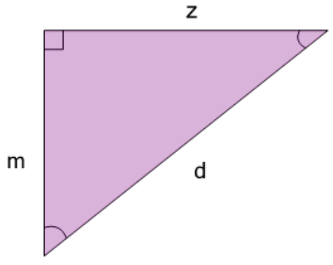
6



Find the square of side m as an equation based on the Pythagorean theorem

A	B
$m^2 = z^2 + d^2$	$m^2 = z^2 - d^2$

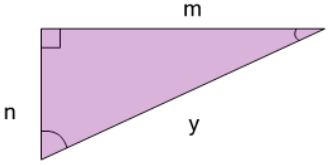
7



Find the square of side d as an equation based on the Pythagorean theorem

A	B
$d^2 = m^2 + z^2$	$d^2 = m^2 - z^2$

8



Find the square of side n as an equation based on the Pythagorean theorem

A	B
$n^2 = y^2 - m^2$	$n^2 = y^2 + m^2$