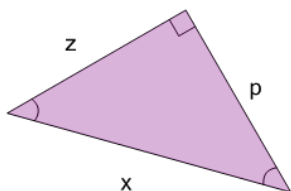




Pythagorean Theorem - Variable-Named Sides to Square Root Equation

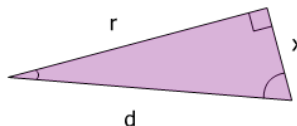
1



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

A	B
$x = \sqrt{z^2 + p^2}$	$x = \sqrt{z^2 - p^2}$

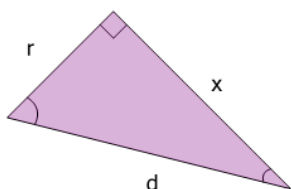
2



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

A	B
$x = \sqrt{d^2 + r^2}$	$x = \sqrt{d^2 - r^2}$

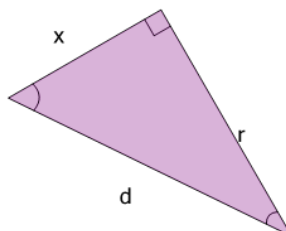
3



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

A	B
$x = \sqrt{d^2 + r^2}$	$x = \sqrt{d^2 - r^2}$

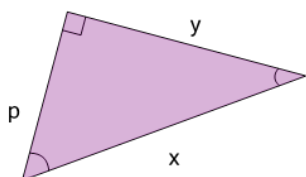
4



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

A	B
$x = \sqrt{d^2 - r^2}$	$x = \sqrt{d^2 + r^2}$

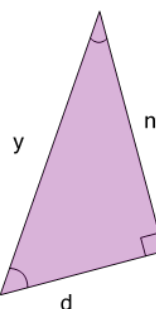
5



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

A	B
$x = \sqrt{p^2 + y^2}$	$x = \sqrt{p^2 - y^2}$

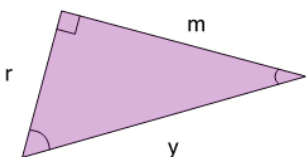
6



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

A	B
$y = \sqrt{n^2 + d^2}$	$y = \sqrt{n^2 - d^2}$

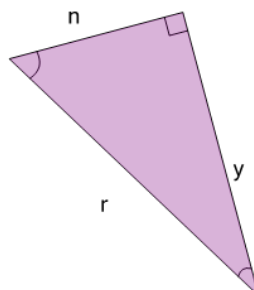
7



Find the length of the side r as an equation based on the Pythagorean theorem

A	B
$r = \sqrt{y^2 + m^2}$	$r = \sqrt{y^2 - m^2}$

8



Find the length of the side r as an equation based on the Pythagorean theorem

A	B
$r = \sqrt{n^2 + y^2}$	$r = \sqrt{n^2 - y^2}$