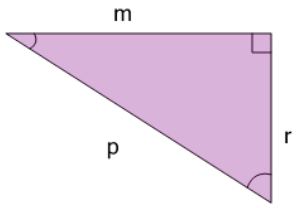
Math worksheet on *'Pythagorean Theorem - Variable-Named Sides to Square Equation (Level 2)'*. Part of a broader unit on *'Pythagoras - Intro'*

Learn online: app.mobius.academy/math/units/pythagoras_intro/

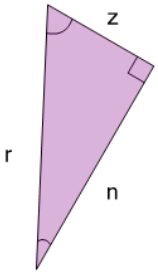
1



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

a	b
$p^2 = m^2 + r^2$	$p^2 = m^2 - r^2$

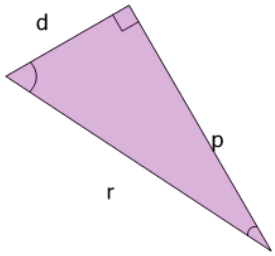
2



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

a	b
$n^2 = r^2 + z^2$	$n^2 = r^2 - z^2$

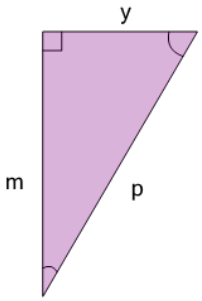
3



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

a	b
$p^2 = r^2 + d^2$	$p^2 = r^2 - d^2$

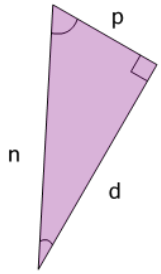
4



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

a	b
$p^2 = m^2 - y^2$	$p^2 = m^2 + y^2$

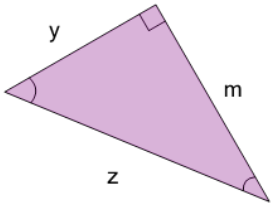
5



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

a	b
$d^2 = n^2 + p^2$	$d^2 = n^2 - p^2$

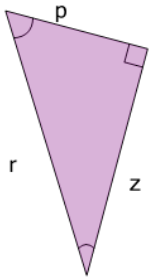
6



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

a	b
$z^2 = y^2 - m^2$	$z^2 = y^2 + m^2$

7



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

a	b
$z^2 = r^2 + p^2$	$z^2 = r^2 - p^2$