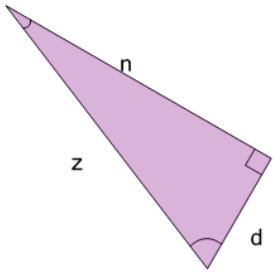
Math worksheet on *'Pythagorean Theorem - Variable-Named Sides to Square Root Equation (Level 2)'*. Part of a broader unit on *'Pythagoras - Intro'*

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

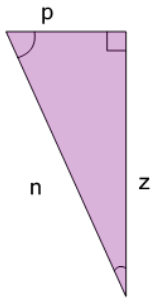
1



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

a	b
$z = \sqrt{n^2 - d^2}$	$z = \sqrt{n^2 + d^2}$

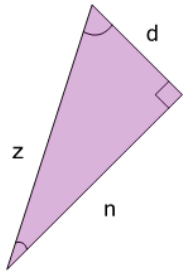
2



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

a	b
$z = \sqrt{n^2 + p^2}$	$z = \sqrt{n^2 - p^2}$

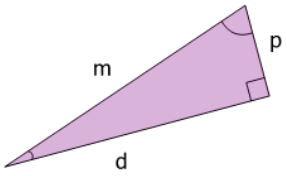
3



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

a	b
$n = \sqrt{z^2 - d^2}$	$n = \sqrt{z^2 + d^2}$

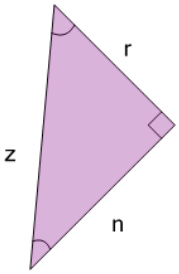
4



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

a	b
$d = \sqrt{m^2 + p^2}$	$d = \sqrt{m^2 - p^2}$

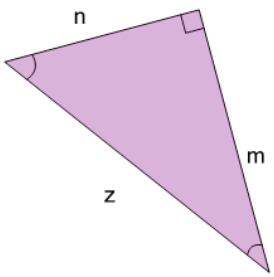
5



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

a	b
$n = \sqrt{z^2 + r^2}$	$n = \sqrt{z^2 - r^2}$

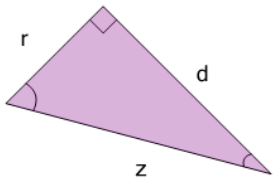
6



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

a	b
$m = \sqrt{z^2 + n^2}$	$m = \sqrt{z^2 - n^2}$

7



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

a	b
$d = \sqrt{z^2 - r^2}$	$d = \sqrt{z^2 + r^2}$