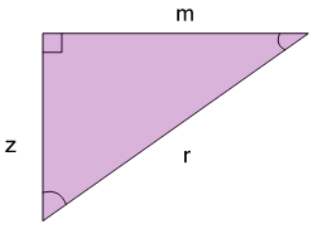
Math worksheet on *'Pythagorean Theorem - Variable-Named Sides to Square Root Equation (Level 1)'*. Part of a broader unit on *'Pythagoras - Intro'*

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

1

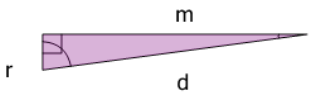


Find the length of the side z as an equation based on the Pythagorean theorem

a $z = \sqrt{r^2 + m^2}$

b $z = \sqrt{r^2 - m^2}$

2

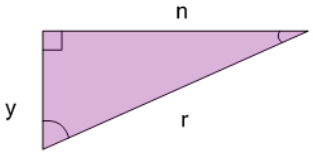


Find the length of the side d as an equation based on the Pythagorean theorem

a $d = \sqrt{r^2 - m^2}$

b $d = \sqrt{r^2 + m^2}$

3

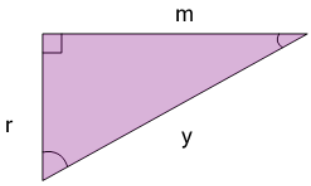


Find the length of the side y as an equation based on the Pythagorean theorem

a $y = \sqrt{r^2 + n^2}$

b $y = \sqrt{r^2 - n^2}$

4

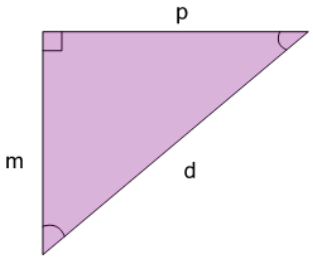


Find the length of the side m as an equation based on the Pythagorean theorem

a $m = \sqrt{y^2 - r^2}$

b $m = \sqrt{y^2 + r^2}$

5

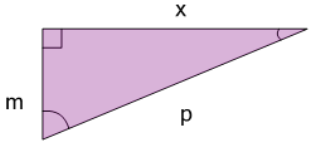


Find the length of the side p as an equation based on the Pythagorean theorem

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

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

6

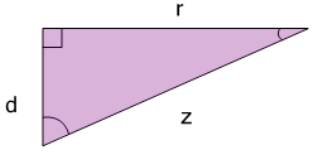


Find the length of the side p as an equation based on the Pythagorean theorem

a $p = \sqrt{m^2 + x^2}$

b $p = \sqrt{m^2 - x^2}$

7



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

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

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

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