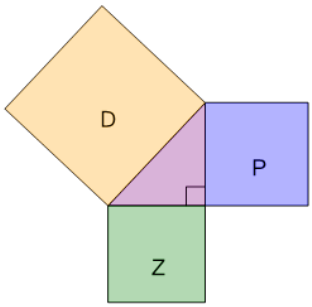
Math worksheet on *'Pythagorean Theorem - Triangle with Squares Image to Area Equation (Level 2)'*. Part of a broader unit on *'Pythagoras - Intro'*

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

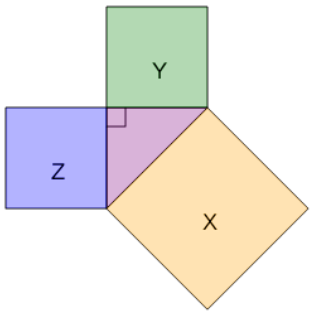
1



Find the area of square Z as an equation based on the Pythagorean theorem

a	b
$Z = D - P$	$Z = D + P$

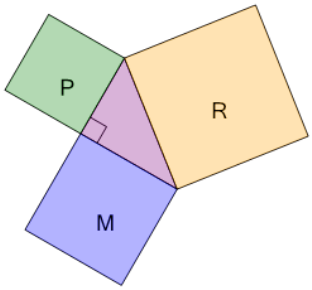
2



Find the area of square X as an equation based on the Pythagorean theorem

a	b
$X = Y + Z$	$X = Y - Z$

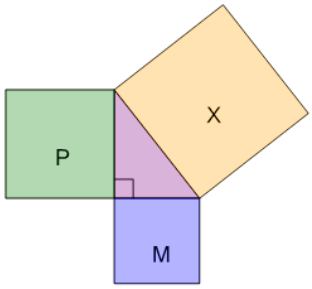
3



Find the area of square R as an equation based on the Pythagorean theorem

a	b
$R = P - M$	$R = P + M$

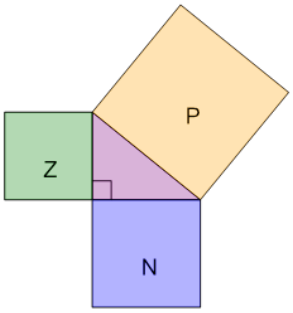
4



Find the area of square P as an equation based on the Pythagorean theorem

a	b
$P = X + M$	$P = X - M$

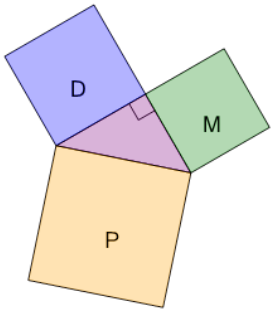
5



Find the area of square P as an equation based on the Pythagorean theorem

a	b
$P = Z + N$	$P = Z - N$

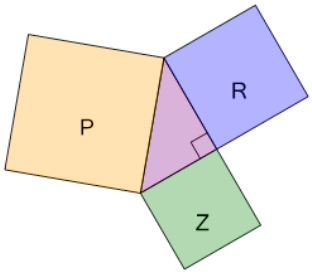
6



Find the area of square P as an equation based on the Pythagorean theorem

a	b
$P = M - D$	$P = M + D$

7



Find the area of square P as an equation based on the Pythagorean theorem

a	b
$P = Z + R$	$P = Z - R$