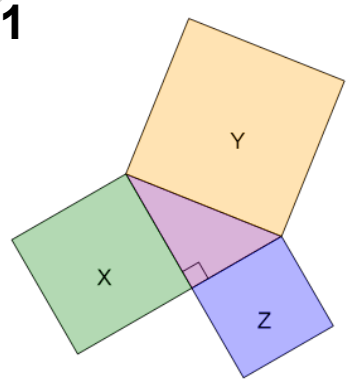
Name

Pythagorean Theorem - Triangle with Squares Image to Area Equation

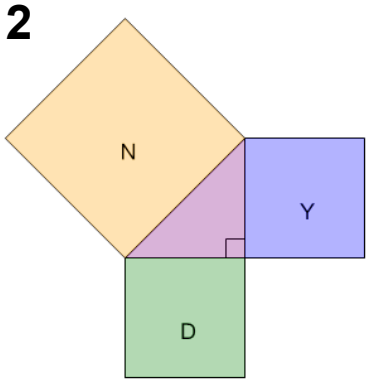
1



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

A	B
$Y = X + Z$	$Y = X - Z$

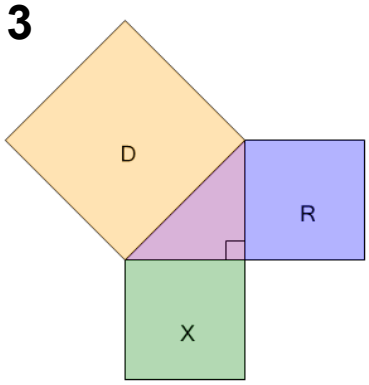
2



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

A	B
$N = D + Y$	$N = D - Y$

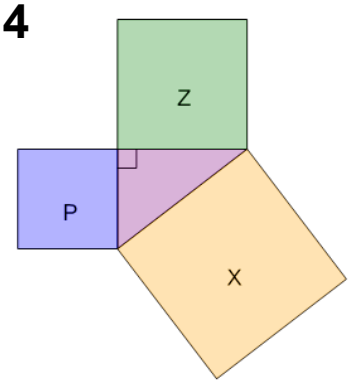
3



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

A	B
$R = D - X$	$R = D + X$

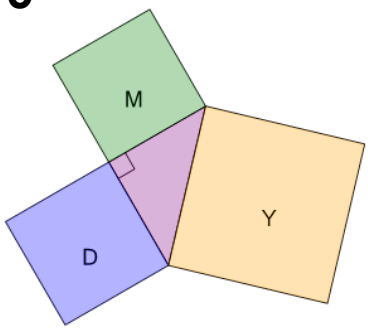
4



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

A	B
$P = X - Z$	$P = X + Z$

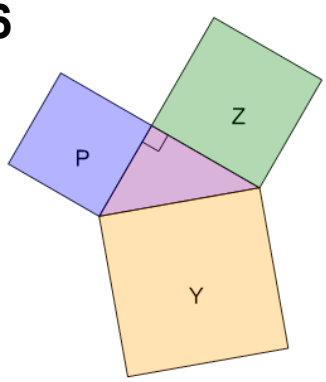
5



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

A	B
$M = Y + D$	$M = Y - D$

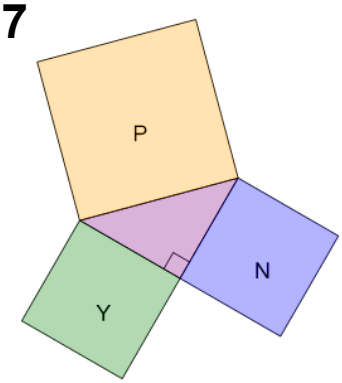
6



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

A	B
$Y = Z - P$	$Y = Z + P$

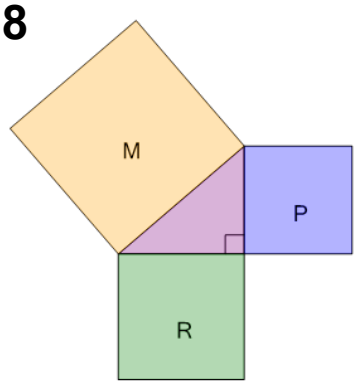
7



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

A	B
$Y = P + N$	$Y = P - N$

8



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

A	B
$M = R - P$	$M = R + P$