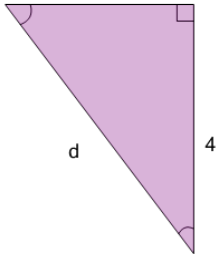




Pythagorean Theorem - Length of Hypotenuse (Equation)

1

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



A

$$d = \sqrt{4^2 - 3^2}$$

B

$$d = \sqrt{3^2 + 4^2}$$

C

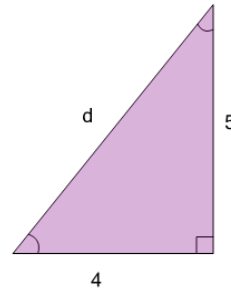
$$d = \sqrt{3^3 + 4^3}$$

D

$$d = 3^2 + 4^2$$

2

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



A

$$d = \sqrt{5^2 - 4^2}$$

B

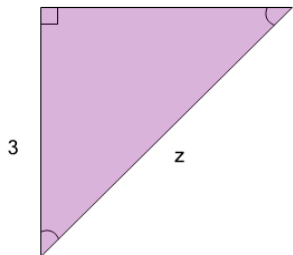
$$d = \sqrt{5^2 + 4^2}$$

C

$$d = 5^2 - 4^2$$

3

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



A

$$z = \sqrt{3^3 + 3^3}$$

B

$$z = 3^2 - 3^2$$

C

$$z = 3^2 + 3^2$$

D

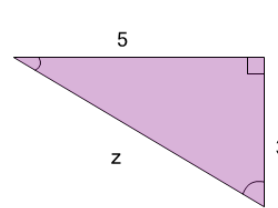
$$z = \sqrt{3^2 + 3^2}$$

E

$$z = \sqrt{3^2 - 3^2}$$

4

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



A

$$z = 5^2 + 3^2$$

B

$$z = \sqrt{5^2 + 3^2}$$

C

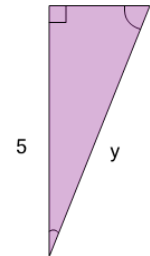
$$z = 5^2 - 3^2$$

D

$$z = \sqrt{5^2 - 3^2}$$

5

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



A

$$y = \sqrt{5^2 + 2^2}$$

B

$$y = \sqrt{5^3 + 2^3}$$

C

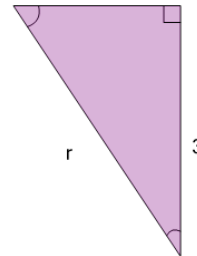
$$y = 5^2 + 2^2$$

D

$$y = 5^2 - 2^2$$

6

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



A

$$r = \sqrt{2^2 + 3^2}$$

B

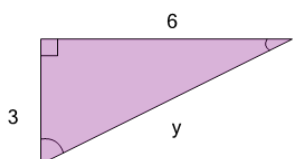
$$r = \sqrt{2^3 + 3^3}$$

C

$$r = 2^2 + 3^2$$

7

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



A

$$y = \sqrt{3^2 + 6^2}$$

B

$$y = \sqrt{6^2 - 3^2}$$

C

$$y = 3^2 - 6^2$$

D

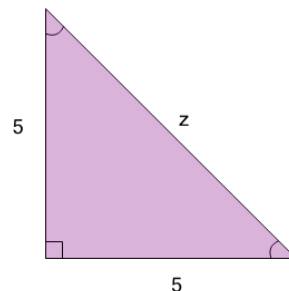
$$y = \sqrt{3^2 - 6^2}$$

E

$$y = 3^2 + 6^2$$

8

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



A

$$z = \sqrt{5^2 - 5^2}$$

B

$$z = \sqrt{5^2 + 5^2}$$

C

$$z = 5^2 - 5^2$$

D

$$z = 5^2 + 5^2$$