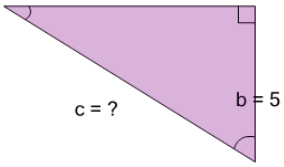
Name

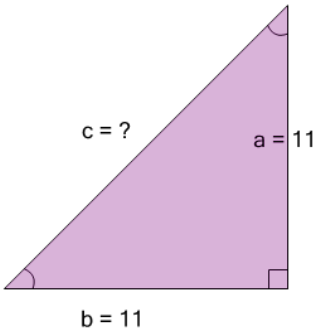
Pythagorean Theorem - Length of Hypotenuse - Labelled Sides (Radical)

1 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



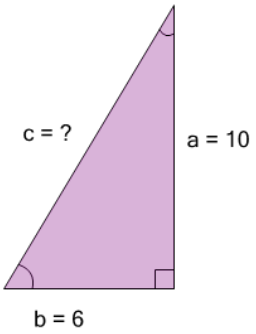
A $c = \sqrt{89}$
B $c = \sqrt{114}$
C $c = \sqrt{39}$

2 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



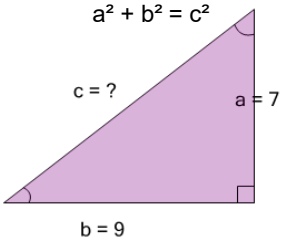
A $c = \sqrt{0}$
B $c = \sqrt{242}$

3 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



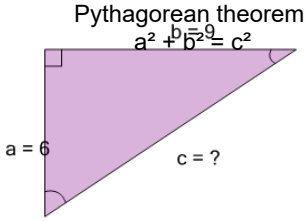
A $c = \sqrt{64}$
B $c = \sqrt{136}$

4 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



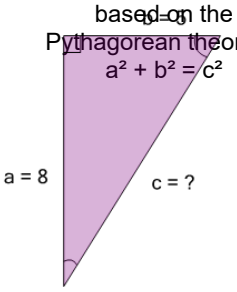
A $c = \sqrt{130}$
B $c = \sqrt{32}$
C $c = \sqrt{-32}$

5 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



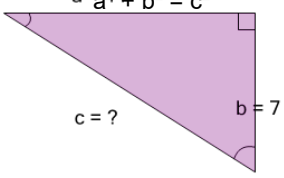
A $c = \sqrt{117}$
B $c = \sqrt{45}$
C $c = \sqrt{279}$

6 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



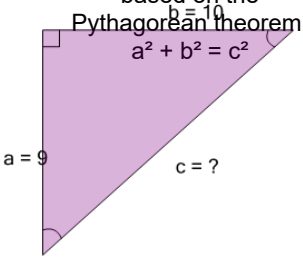
A $c = \sqrt{89}$
B $c = \sqrt{114}$
C $c = \sqrt{39}$

7 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



A $c = \sqrt{268}$
B $c = \sqrt{170}$
C $c = \sqrt{219}$
D $c = \sqrt{72}$

8 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



A $c = \sqrt{181}$
B $c = \sqrt{19}$
C $c = \sqrt{381}$