

Name:

Answers!

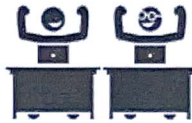
Class:



Communication



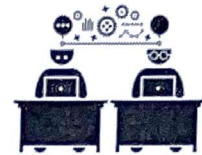
Successful Partnership



Encouragement

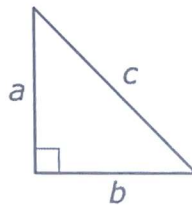


Solving Problem Together



Collaboration

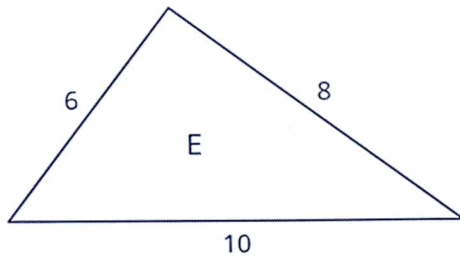
PYTHAGOREAN THEOREM



$$a^2 + b^2 = c^2$$

Question 01

Is the below a right triangle?



$$\text{Does } 6^2 + 8^2 = 10^2?$$

$$36 + 64 \stackrel{?}{=} 100$$

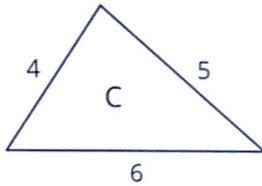
$$100 = 100$$



Yes! It's a Right Triangle!

Question 02

Is the below a right triangle?



$$\text{Does } 4^2 + 5^2 = 6^2 ?$$

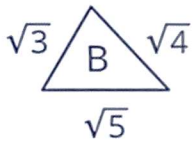
$$16 + 25 \stackrel{?}{=} 36$$

$$41 \neq 36$$

No! It's not a right triangle!

Question 03

Is the below a right triangle?



$$\text{Does } (\sqrt{3})^2 + (\sqrt{4})^2 = (\sqrt{5})^2 ?$$

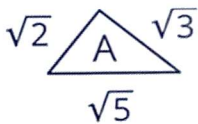
$$3 + 4 \stackrel{?}{=} 5$$

$$7 \neq 5$$

No! It's not a right triangle!

Question 04

Is the below a right triangle?



$$\text{Does } (\sqrt{2})^2 + (\sqrt{3})^2 = (\sqrt{5})^2 ?$$

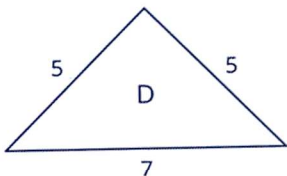
$$2 + 3 \stackrel{?}{=} 5$$

$$5 = 5$$

Yes! It's a right triangle!

Question 05

Is the below a right triangle?



$$\text{Does } 5^2 + 5^2 = 7^2$$

$$25 + 25 \stackrel{?}{=} 49$$

$$50 \neq 49$$

No! It's not a right triangle!