

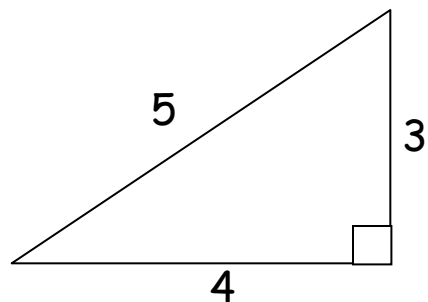
# What are Pythagorean Triples?

Pythagorean Triples are three numbers that

---

Example:

$$\begin{aligned}3^2 + 4^2 &= 5^2 \\9 + 16 &= 25 \\25 &= 25\end{aligned}$$



Some other members of the 3, 4, 5 Pythagorean Triple Family

6, 8, 10    9, 12, 15    12, 16, 20    15, 20, 25    18, 24, 40  
3/7, 4/7, 5/7    .3, .4, .5    30, 40, 50    300, 400, 500

Can you name other members of any of the families?

Other  
Pythagorean  
Triple  
families:

5, 12, 13  
7, 24, 25  
9, 40, 41  
11, 60, 61  
.  
.  
.  
8, 15, 17

Can you name any other families?

