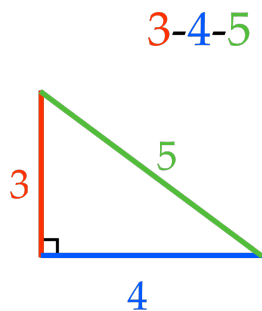


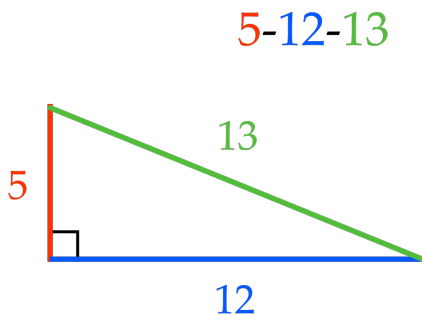
Common Right Triangles



$$3^2 + 4^2 = 5^2$$

$$9 + 16 = 25$$

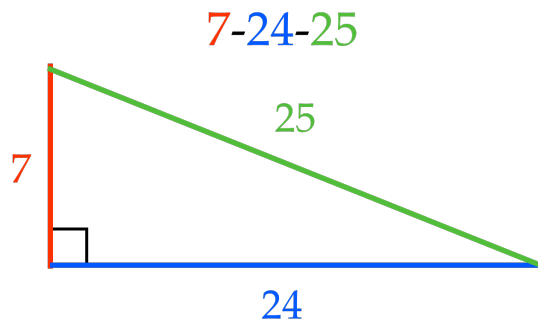
$$25 = 25$$



$$5^2 + 12^2 = 13^2$$

$$25 + 144 = 169$$

$$169 = 169$$



$$7^2 + 24^2 = 25^2$$

$$49 + 576 = 625$$

$$625 = 625$$

Common Right Triangles

3-4-5

5-12-13

7-24-25

Pythagorean Triple

a set of three integers a , b , and c such that $a^2 + b^2 = c^2$

3-4-5

5-12-13

7-24-25

 $k \times$ 3k-4k-5k

5k-12k-13k

7k-24k-25k

2×

3×

4×