

# Area of a Right angled Triangle

Remember the area of a rectangle is Length x width

**Length = 10 cm**  
**Width = 5 cm**  
**Area = 50 cm<sup>2</sup>**

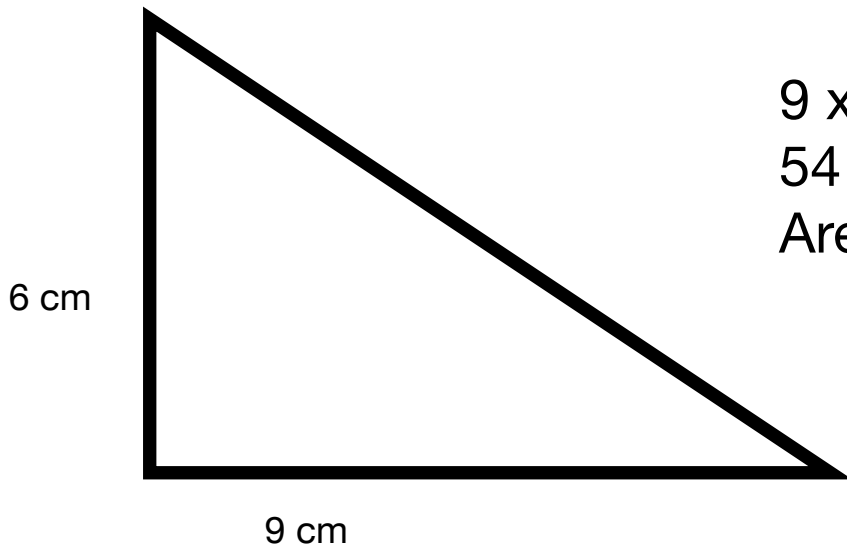
So a right angled Triangle will fit into a rectangle and have half the Area



**Length =**  
**10 cm**  
**Width = 5 cm**  
**Area = (10x5) divided by**  
**2 = 25 cm<sup>2</sup>**

So The Area of a Right angled Triangle is (Length x Width ) divided by 2  
or Half the Length x Width

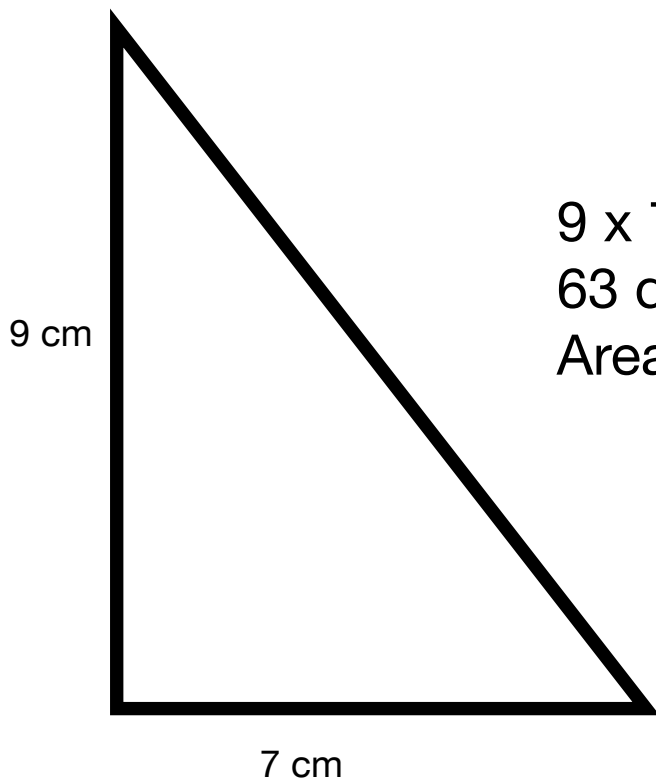
Draw some right angled triangle in your jotter and work out the area. There are examples on the next page:



$$9 \times 6 = 54$$

$$54 \text{ divided by } 2 = 27$$

Area of triangle -  $27 \text{ cm}^2$



$$9 \times 7 = 63$$

$$63 \text{ divided by } 2 = 31.5$$

Area of triangle -  $31.5 \text{ cm}^2$