

## Mathematical vocabulary

Let's look at some of the words you'll be using this term...

Key Words	Definition	Examples
<b>Sum</b>	The result of <b>adding</b> two or more numbers together.	The sum of 6 and 8 is 14 (because $6 + 8 = 14$ )
<b>Product</b>	The result of <b>multiplying</b> two numbers together.	The product of 6 and 8 is 48 (because $6 \times 8 = 48$ )
<b>Radius</b>	The distance from the <b>centre to the edge</b> of a circle.	
<b>Diameter</b>	The distance from one point of a circle, through the centre, to another point. On the circle.	
<b>Circumference</b>	The distance <b>around the edge</b> of a circle.	
<b>Parallel</b>	Lines that point in the same direction and always remain the <b>same distance apart</b> .	
<b>Perpendicular</b>	Lines that are at <b>90°</b> to each other.	

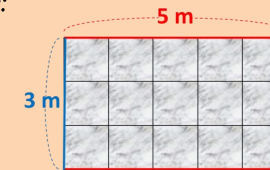
## Facts, formulae and procedures

Let's review some of the facts, formulae and procedures that you've learned in the past...

### Perimeter:

The **distance** around the **outside** of a shape.

Example:

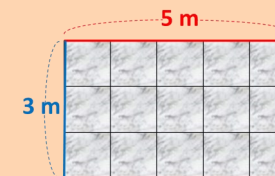


$$\begin{aligned} \text{Perimeter} &= 3 \text{ cm} + 5 \text{ cm} + 3 \text{ cm} + 5 \text{ cm} \\ &= 16 \text{ cm} \end{aligned}$$

### Area:

The amount of **space inside** a shape.

Example (area of a rectangle):



$$\begin{aligned} \text{Area} &= 3 \text{ cm} \times 5 \text{ cm} \\ &= 15 \text{ cm}^2 \end{aligned}$$

## Number Facts

Prime Numbers:

**2, 3, 5, 7**

**11, 13, 17, 19**

**23, 29**

**31, 37**

**41, 43, 49**

**53, 59**

**61, 67**

**71, 73, 79**

**83, 89**

**97**