

# Number – Squares, cubes and roots

## Square numbers

To make a square number multiply a number by itself

The first ten square numbers are  
1, 4, 9, 16, 25, 36, 49, 64, 81, 100

Remember  
 $14 \times 14 = 14^2$

$14 \times 14 = 196$   
196 is a square number

## Square root

Square root is the inverse of square

$$14^2 = 196$$
$$\sqrt{196} = 14$$

## Cube numbers

To make a cube number multiply a number by itself twice

The first five cube numbers are  
1, 8, 27, 64, 125

Remember  
 $6 \times 6 \times 6 = 6^3$

$6 \times 6 \times 6 = 216$   
216 is a cube number

## Cube root

Cube root is the inverse of cube

$$6^3 = 216$$
$$\sqrt[3]{216} = 6$$