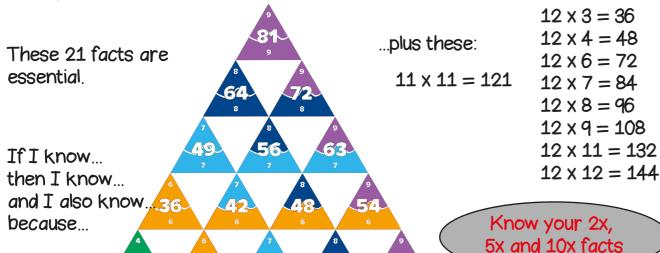
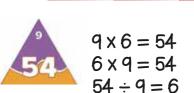
### Multiplication, division and related facts



# 24 28 32 36



 $54 \div 6 = 9$ 

6 and 9 are factors of 54 54 is a multiple of 6 and 9

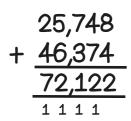
$$\frac{1}{6}$$
 of  $54 = 9$   
 $\frac{1}{9}$  of  $54 = 6$ 

60 x 9 = 540 90 x 60 = 5400 0.9 x 6 = 5.4 0.9 x 0.6 = 0.54 540 ÷ 6 = 90 5400 ÷ 90 = 60 5.4 ÷ 9 = 0.6 54 ÷ 0.9 = 60 ...

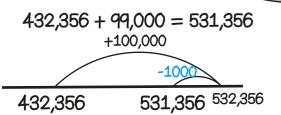
Need to

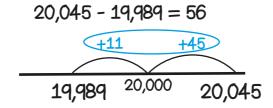
Know

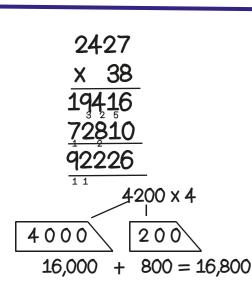
#### Calculation methods

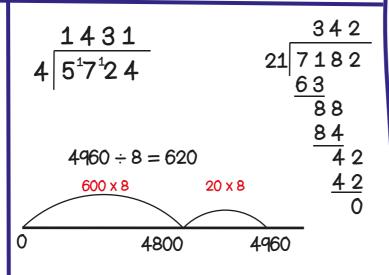


Just know it, with jottings or formal written method? 45,748 26,374 19,374

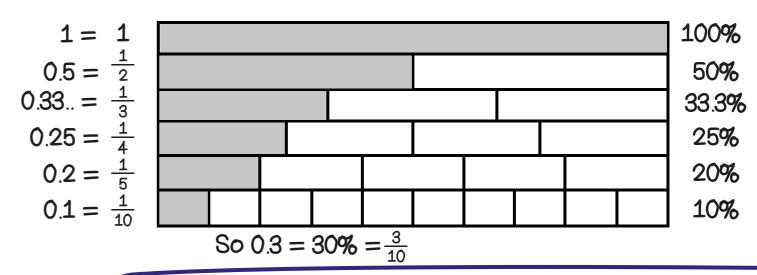




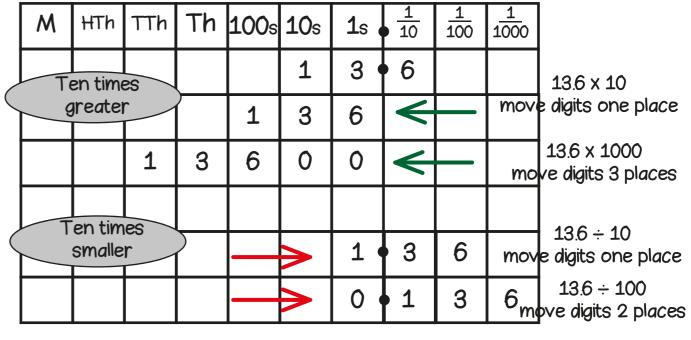




### Fractions, decimals and percentages



## Multiplying and dividing by 10, 100 and 1000



1kg = 1000g1km = 1000m

1l = 1000ml

1m = 100cm1cm = 10mm

To find 10% of an amount divide by 10 To find 1% of an amount divide by 100

### Types of numbers

Prime numbers: exactly two factors: 2, 3, 5, 7, 11, 13, 17, 19
1 is not prime

Square numbers: the result of multiplying a number by itself. 1, 4, 9, 16, 25, 36

Factors: divide exactly into a number Factors of 12 are 1, 2, 3, 4, 6, 12

Multiples: the result of multiplying Multiples of 6 are 6, 12, 18, 24...

