

Be the best you can be, every day

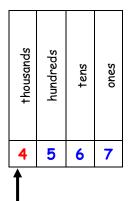
Year 4

## 4/1 Count in multiples

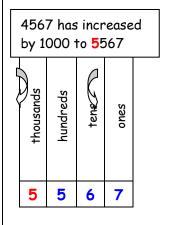
Now you must learn these multiples

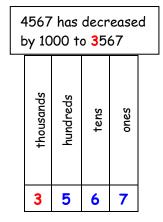
Multiples of 6	Multiples of 7	Multiples of 9	Multiples of 25
6	7	9	25
12	14	18	50
18	21	27	75
24	28	36	100
30	35	45	125
36	42	54	150
42	49	63	175
48	56	72	200
54	63	81	225
60	70	90	250

## 4/2 Find 1000 more or less



To increase or decrease by 1000 this is the digit that changes.





## 4/2 <u>Round to nearest 10, 100, 1000,</u>

Example 1- Round 4279 to the nearest 1000

- $\circ$  Step 1 Find the 'round-off digit' 4
- $\circ$  Step 2 Look one digit to the right of 4 2

<u>5 or more</u>? NO - leave 'round off digit' unchanged - Replace following digits with zeros

#### ANSWER - 4000

Example 2- Round 4279 to the nearest 10

- Step 1 Find the 'round-off digit' 7
- Step 2 Look one digit to the right of 7 9

<u>5 or more</u>? YES - Add one to the 'round off digit' - Replace following digits with zeros

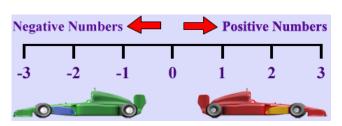
#### ANSWER - 4280

#### 4/3 Negative numbers

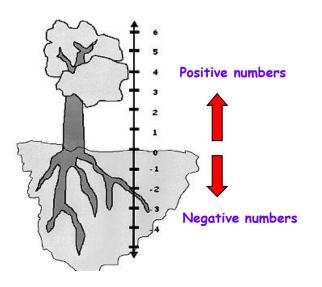
Negative numbers are numbers BELOW ZERO

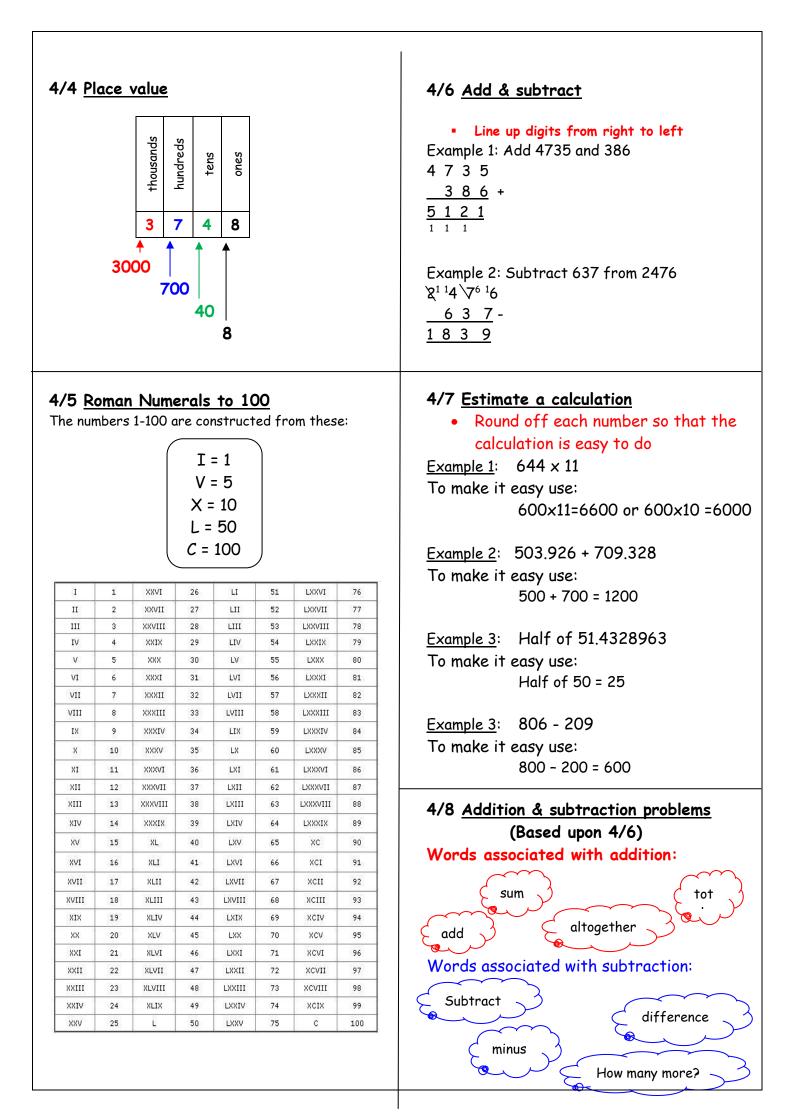
#### Think of a number line

Horizontal number line

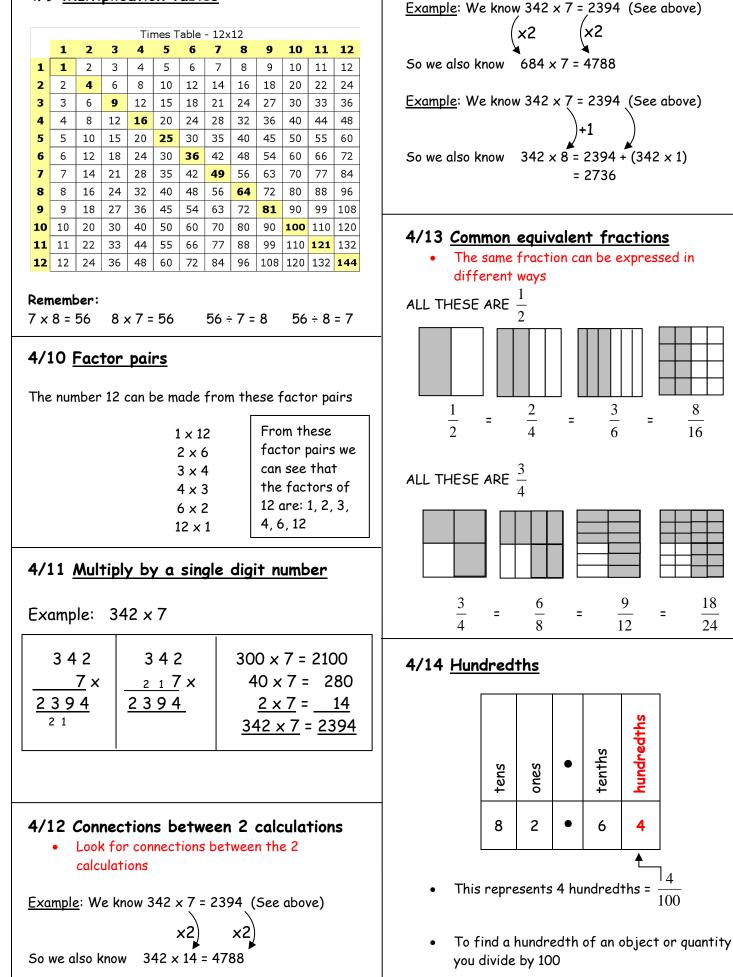


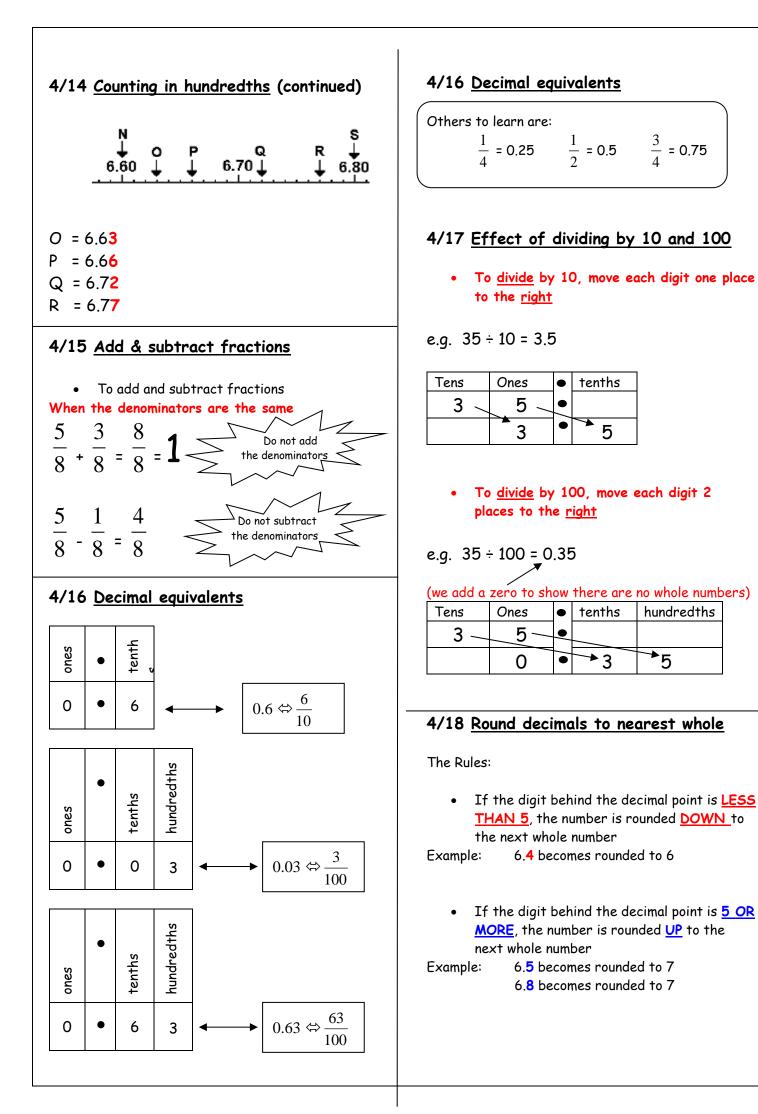
Vertical number line



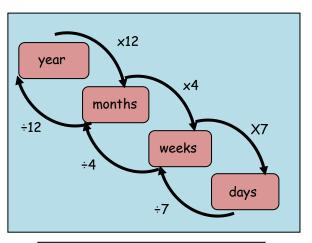


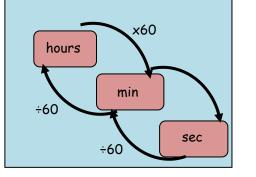
#### 4/9 Multiplication tables



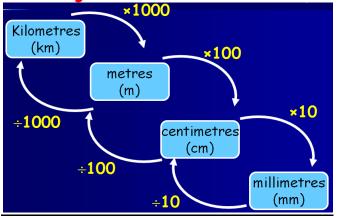


# 4/19 <u>Convert between units of measure</u>Time

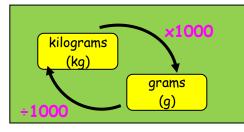




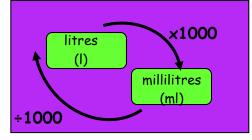
• Length



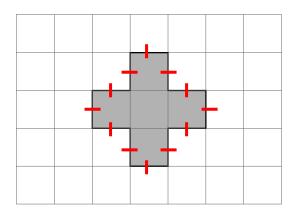
• Mass or weight



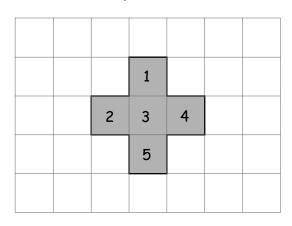
Capacity or volume



4/20 <u>Perimeter & area by counting</u>
Perimeter is round the OUTSIDE
Perimeter of this shape = 12cm



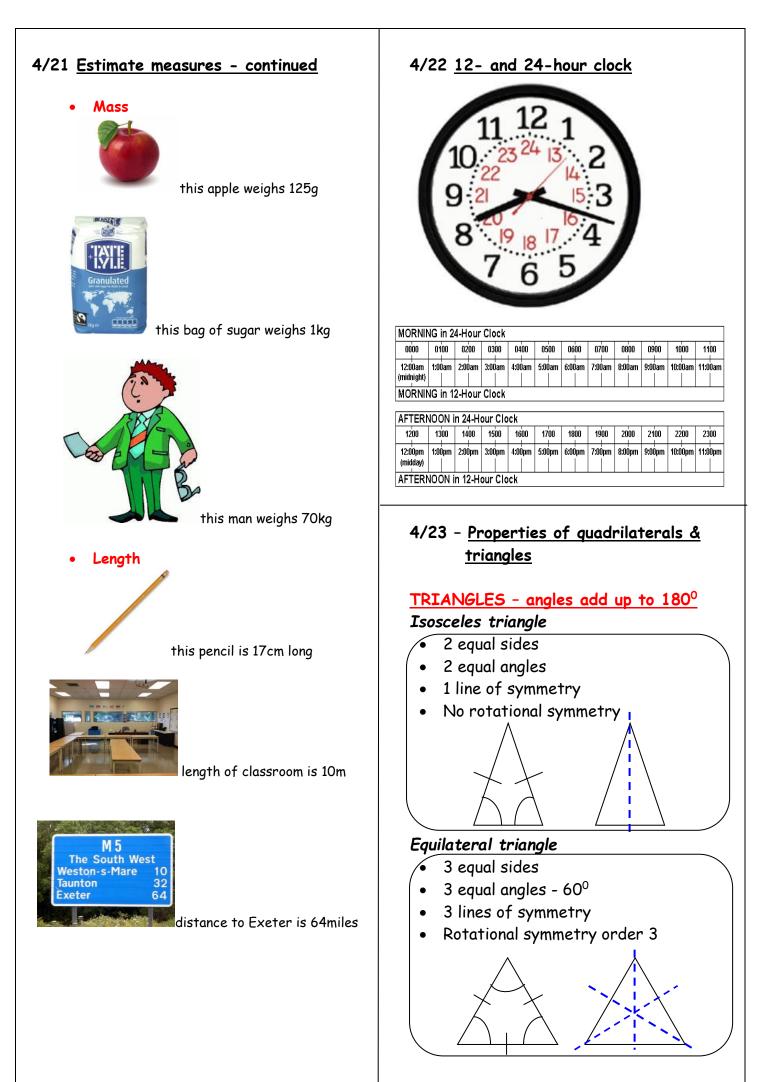
• Area is the number of squares INSIDE Area of this shape =  $5 \text{ cm}^2$ 

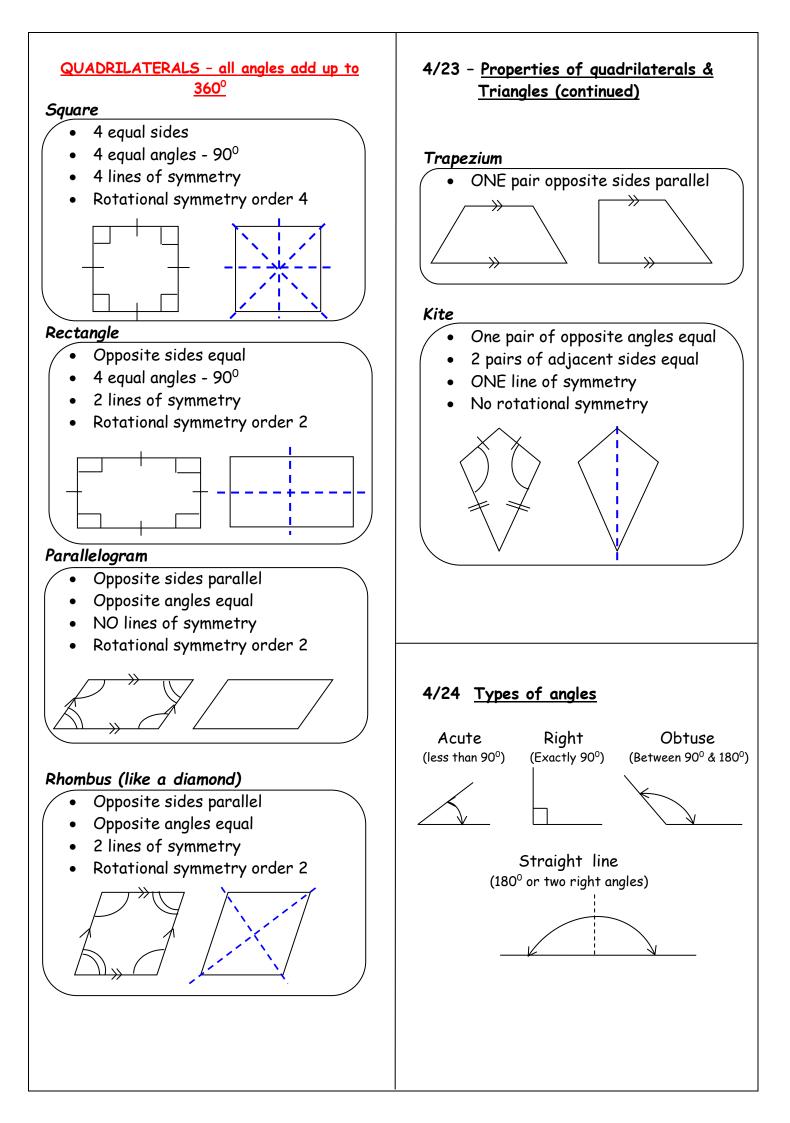


# 4/21 Estimate measures

• Capacity

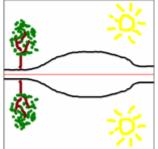




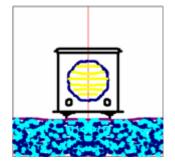


## 4/25 Identify lines of symmetry

• Horizontal line of symmetry



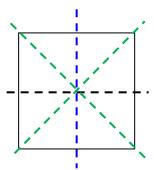
• Vertical line of symmetry



• Oblique line of symmetry

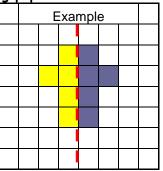


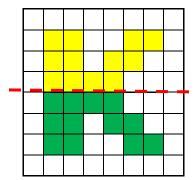
 Horizontal, Vertical & Oblique lines of symmetry

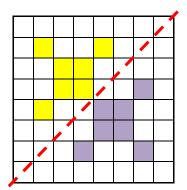


#### 4/26 <u>Complete a symmetrical figure</u>

• Tracing paper is brilliant for this

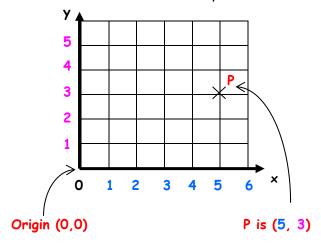




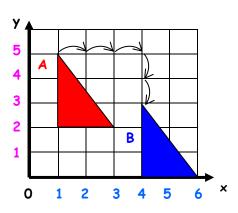


#### 4/27 Describe position of points

- The horizontal axis is the x-axis
- The vertical axis is called the y-axis
- The origin is where the axes meet
- A point is described by two numbers The 1<sup>st</sup> number is off the x-axis The 2<sup>nd</sup> number is off the y-axis



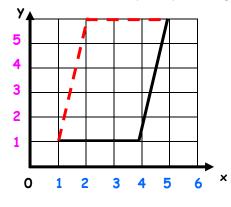
### 4/27 Describe movement of shapes



Shape A has been moved 3 squares right and 2 down. This movement is called TRANSLATION

## 4/28 <u>Complete a 2D shape</u>

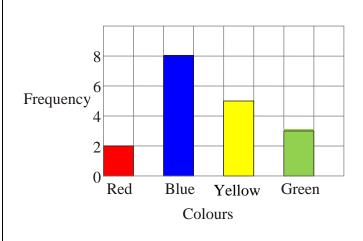
Example: Draw on lines to complete parallelogram



## 4/29 Present discrete & continuous data

Graph to show favourite colours in Class 4

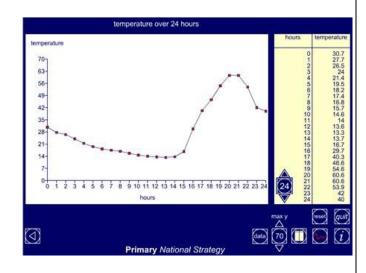
**Discrete data** is counted e.g. cars, students, animals



## 4/29 <u>Present discrete & continuous data</u>

**Continuous data** is measured e.g. heights, times, temperature

### Graph to show a patient's temperature over 24h

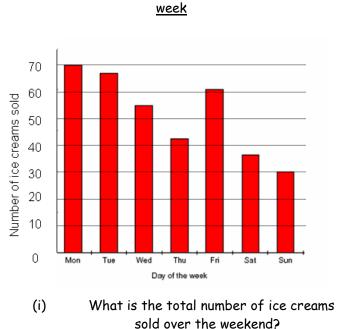


# 4/30 Compare data in graphs

'Sum' or 'total' means 'add up'

'Difference' or 'how many more' means 'subtract'

Bar chart to show Number of Ice Creams sold in a



Answer: 37 + 30 = 67

(ii) How many more were sold on Friday than Saturday?

Answer: 61 - 37 = 24

