

Maths in Year 2

Times Tables - 2, 5, 10

| | | | | |
|----|---|---|---|----|
| 0 | x | 2 | = | 0 |
| 1 | x | 2 | = | 2 |
| 2 | x | 2 | = | 4 |
| 3 | x | 2 | = | 6 |
| 4 | x | 2 | = | 8 |
| 5 | x | 2 | = | 10 |
| 6 | x | 2 | = | 12 |
| 7 | x | 2 | = | 14 |
| 8 | x | 2 | = | 16 |
| 9 | x | 2 | = | 18 |
| 10 | x | 2 | = | 20 |
| 11 | x | 2 | = | 22 |
| 12 | x | 2 | = | 24 |

| | | | | |
|----|---|---|---|----|
| 0 | x | 5 | = | 0 |
| 1 | x | 5 | = | 5 |
| 2 | x | 5 | = | 10 |
| 3 | x | 5 | = | 15 |
| 4 | x | 5 | = | 20 |
| 5 | x | 5 | = | 25 |
| 6 | x | 5 | = | 30 |
| 7 | x | 5 | = | 35 |
| 8 | x | 5 | = | 40 |
| 9 | x | 5 | = | 45 |
| 10 | x | 5 | = | 50 |
| 11 | x | 5 | = | 55 |
| 12 | x | 5 | = | 60 |

| | | | | |
|----|---|----|---|-----|
| 0 | x | 10 | = | 0 |
| 1 | x | 10 | = | 10 |
| 2 | x | 10 | = | 20 |
| 3 | x | 10 | = | 30 |
| 4 | x | 10 | = | 40 |
| 5 | x | 10 | = | 50 |
| 6 | x | 10 | = | 60 |
| 7 | x | 10 | = | 70 |
| 8 | x | 10 | = | 80 |
| 9 | x | 10 | = | 90 |
| 10 | x | 10 | = | 100 |
| 11 | x | 10 | = | 110 |
| 12 | x | 10 | = | 120 |

Count in steps of 3

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

Addition and Subtraction Facts to 20

| | |
|--|--|
| $19 + 1 = 20$ $1 + 19 = 20$ $20 - 19 = 1$ $20 - 1 = 19$ | |
| $18 + 2 = 20$ $2 + 18 = 20$ $20 - 18 = 2$ $20 - 2 = 18$ | |

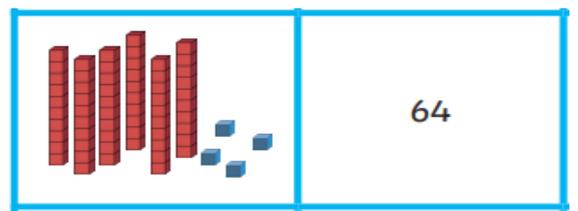
Counting in Tens



Counting up in tens this digit changes:
37 47 57 67 77 87

Partitioning Numbers into tens and ones

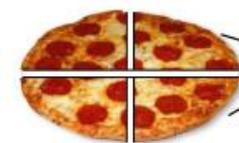
$$38 = 30 + 8$$



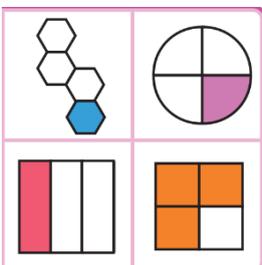
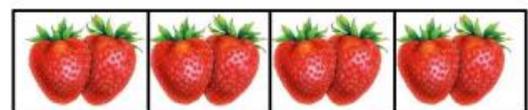
Knowing the meaning of these signs

$$+ \quad - \quad \div \quad \times \quad =$$

Find and write $\frac{1}{2}$ $\frac{1}{4}$ $\frac{3}{4}$ $\frac{1}{3}$ of objects or a quantity



$$\frac{2}{4} = \frac{1}{2}$$



10 sweets \div 2 = 5 sweets
OR $\frac{1}{2}$ of 10 = 10 \div 2 = 5

8 strawberries \div 4 = 2 strawberries
OR $\frac{1}{4}$ of 8 = 8 \div 4 = 2

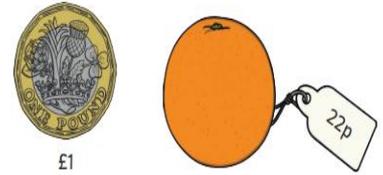
Maths in Year 2

Knowing the value of coins, making amounts, solving money problems and give change



Aneesha has these coins in her purse:

How much does she have in total?



Change:

Problem Solving

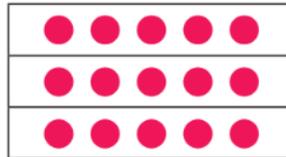
Lauren had a collection of 26 stamps out of 60. Her friend gives her another 19.

How many stamps does she have now?

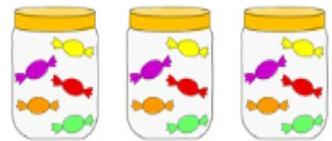
How many more stamps does she need to finish her collection?



Multiplication and Division



$$3 \times 5 = 15$$



$$15 \div 3 = 5$$

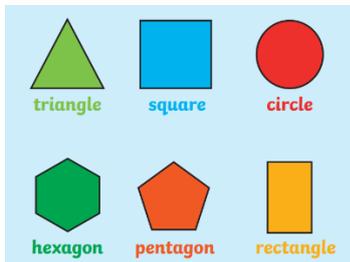
$$2 \times 5 = 10$$

$$5 \times 2 = 10$$

$$10 \div 5 = 2$$

$$10 \div 2 = 5$$

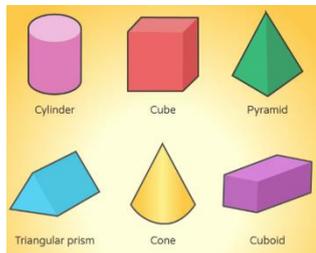
Name 2D and 3D Shapes and Properties



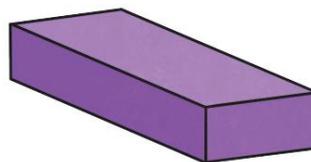
Rectangle

Rectangles have 4 sides and 4 vertices.

They have 2 long sides and 2 short sides.



Cuboid



Cuboids have:

- 6 rectangular faces;
- 12 edges;
- 8 vertices;
- edges that are **not** all the same length.

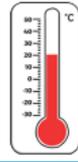
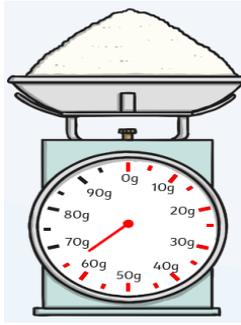
Time

- O'clock
- Half past
- Quarter to
- Quarter past
- 5 minute intervals



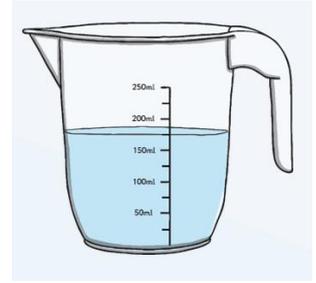
Maths in Year 2

Measures



This thermometer shows a temperature of 20°C.

$$100\text{cm} = 1\text{m}$$



Adding and Subtracting

$$3 + 5 + 8 = 16$$

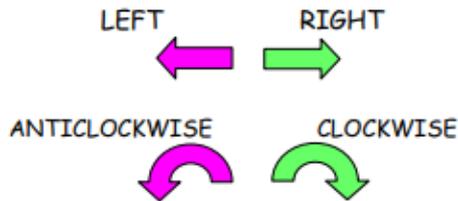
$$23 + 35 = 58$$

$$67 - 34 = 33$$

Adding 3 single digit numbers

Adding and subtracting two 2 digit numbers

Directions

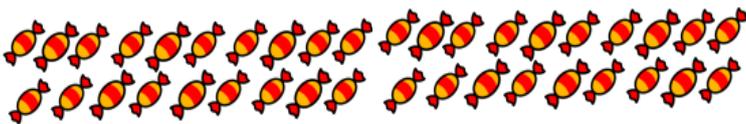


Handling Data

Tally chart showing animals in the zoo

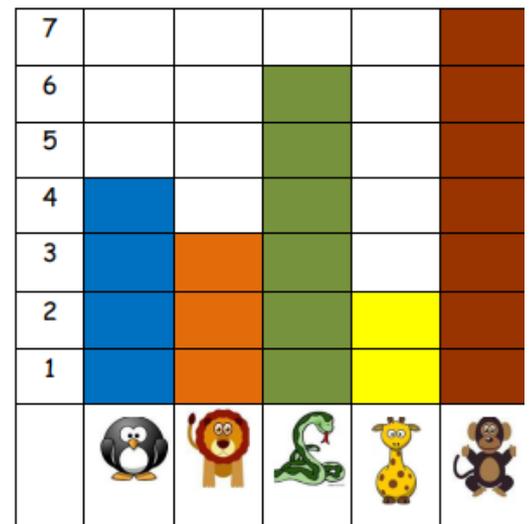
| Animal | Tally | Number of animals |
|---------|-------|-------------------|
| Penguin | IIII | 4 |
| Lion | III | 3 |
| Snake | I | 6 |
| Giraffe | II | 2 |
| Monkey | II | 7 |

Estimating



Estimate how many sweets there are

Block graph to show animals in the zoo



Read and write numbers to 100 in numerals and words to 20

one
two
three
four
five
six
seven
eight
nine

ten
eleven
twelve
thirteen
fourteen
fifteen
sixteen
seventeen
eighteen
nineteen

twenty
thirty
forty
fifty
sixty
seventy
eighty
ninety