Stage 2 PROMPT sheet

2/1 Know the 2, 3, 5, 10 times tables

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

0	x	3	=	0
1	x	3	=	3
2	x	3	=	6
3	x	3	=	9
4	x	3	=	12
5	x	3	=	15
6	x	3	=	18
7	x	3	=	21
8	x	3	=	24
9	x	3	=	27
10	x	3	=	30
11	x	3	=	33
12	x	3	=	36

Count in 10s

tens	units
3	7

Counting up in tens this digit changes:

37   **4**7   **5**7   **6**7   **7**7   **8**7

2/2 Place value

tens	units
2	8

28 means **2 tens** and **8 units** (ones)
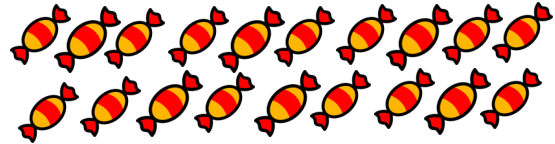   **20**   and   **8**

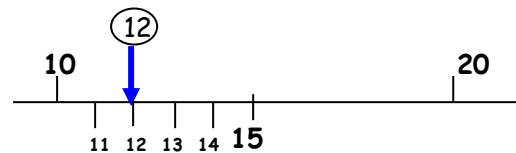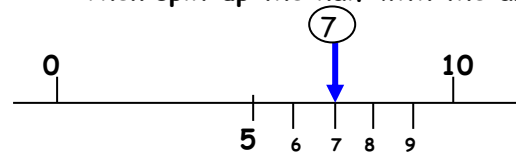## 2/3 Estimate numbers

- **Eyeball estimate**

Here are 3 sweets

Use this to estimate larger amounts

- **Estimate on a number line**

Fill in the half way number first
Then split up the half with the arrow

0 ———————— ⑦ ———————— 10
                      5 6 7 8 9

10 ———— ⑫ ———————————— 20
       11 12 13 14 **15**

2/4 Order numbers

Ten	Unit
3	7
3	2
7	6
6	2

- Begin at the tens and compare

76 is the biggest
62 is next biggest

Ten	Unit
3	7
3	2
~~7~~	~~6~~
~~6~~	~~2~~

- Move to the units and compare

Order is: 76   62   37   32

2/4 (continued) Inequality symbols

Mr. Alligator is hungry for lunch

9 > 5

Find the biggest number and

MUNCH MUNCH MUNCH

We say: **9** *is bigger than* **5**

We write: **9 > 5**

We say **5** *is smaller than* **9**

We write: **5 < 9**

2/5 Numbers in figures and words

1	one
2	two
3	three
4	four
5	five
6	six
7	seven
8	eight
9	nine
10	ten

11	eleven
12	twelve
13	thirteen
14	fourteen
15	fifteen
16	sixteen
17	seventeen
18	eighteen
19	nineteen

20	twenty
21	twenty one
22	twenty two
23	twenty three
24	twenty four
25	twenty five
26	twenty six
27	twenty seven
28	twenty eight
29	twenty nine

30	thirty
40	forty
50	fifty
60	sixty
70	seventy
80	eighty
90	ninety
100	one hundred

2/6 Addition & subtraction problems
Words for ADD

altogether   sum of   total   plus

Words for SUBTRACT

take away   how many left?   difference

how many more?   how many less?

2/7 Addition facts to 10
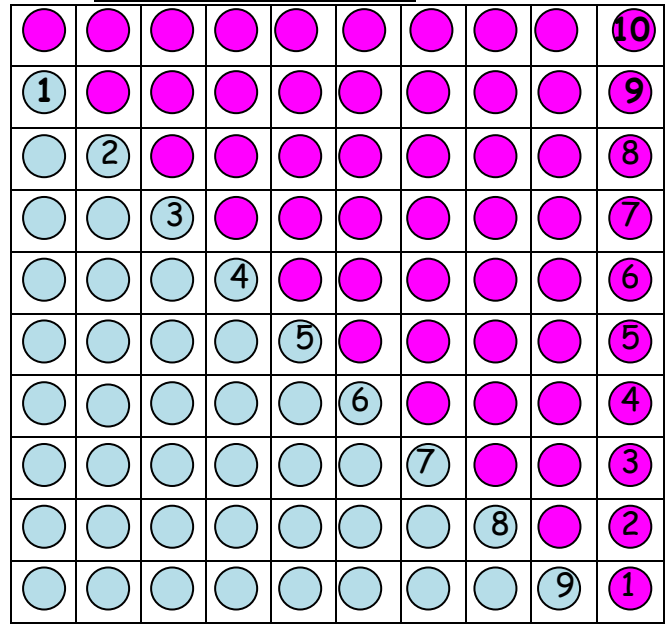
0 + 10	1 + 9	2 + 8	3 + 7	4 + 6
10 + 0	9 + 1	8 + 2	7 + 3	6 + 4

5 + 5

Addition facts to 20

10 + 10	11 + 9	12 + 8	13 + 7	14 + 6
15 + 5	16 + 4	17 + 3	18 + 2	19 + 1

20 + 0

Subtraction is the inverse of addition

3 + 2 = 5
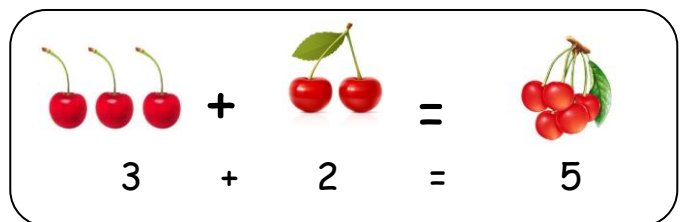
5 - 2 = 3

5 - 3 = 2

2/8 Add & subtract

20   +   8   = 28

```
 20
  8 +
 28
```


28   – 3   = 25

```
 28
  3 –
 25
```


28   – 10   = 18

```
 28
 10 –
 18
```


28   – 13   = 15

```
 28
 13 –
 15
```

2/9 Add & subtact

7 + 3 = 10 is the same as 3 + 7 👍

10 – 7 = 3 is NOT the same as 7-10 👎

2/10 Add & subtact

Fact family for add and subtract

13 + 7 = 20

20 - 13 = 7   20 - 7 = 13

2/11 2, 5, 10 times tables

♦ **See 2/1**

Odds & even numbers

- **Even numbers** – can be paired up

Tip – the last digit always 0   2   4   6   8

- **Odd numbers** – cannot be paired up

Tip – the last digit always 1   3   5   7   9

2/12 Multiply & divide

Words for MULTIPLY

| times | product | double | triple |

Words for DIVIDE

| share | split |

Words for EQUALS

| is | gives |

Fact family for multiply and divide

7 x 5 = 35

35 ÷ 5 = 7   35 ÷ 7 = 5

2/13 Multiply & divide

7 x 5 = 35 is the same as 5 x 7 👍

35 ÷ 7 = 5 is NOT the same as 7÷35 👎

2/14 Multiply & divide

Example1: Here are 20 sweets to share
        Each child gets 5 sweets
        How many children are there?

Divide them up into groups of 5 sweets-like this
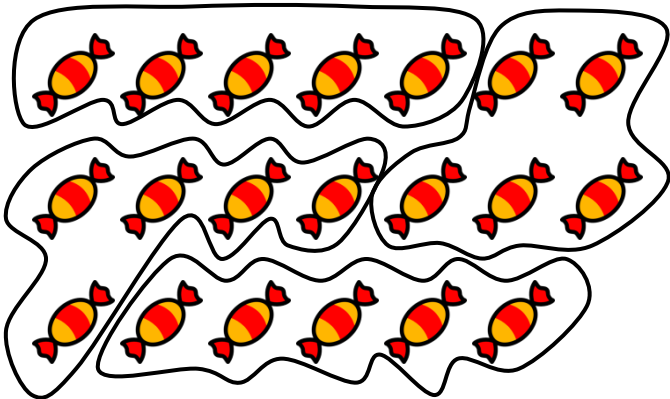
There must be 4 children

Example2: Here are 12 marbles to share
        There are 4 children.
        How many marbles does each get?

Divide them up into 4 groups - like this
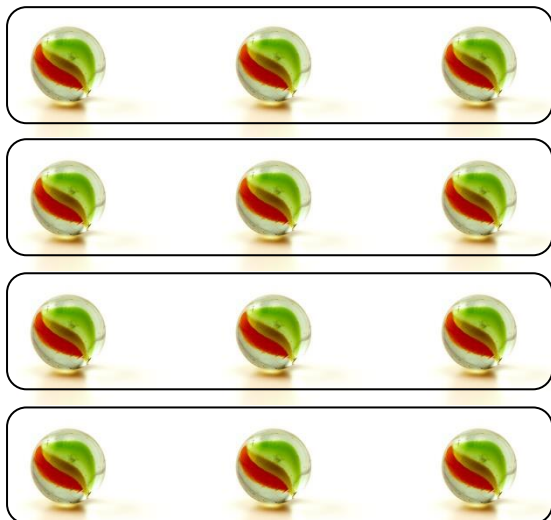
Each child gets 3 marbles
Repeated addition (Multiplication)

Here are 3 footballers.
How many legs do they have altogether?

Addition sentence	Multiplication sentence
2 + 2 + 2 = 6	3 x 2 = 6

Repeated addition is the same as multiplication

Addition sentence	Multiplication sentence
5 + 5 + 5 + 5 = 20	**4 x 5 = 20**
10 + 10 + 10 = 30	**3 x 10 = 30**

Repeated subtraction (Division)
Repeated subtraction is the same as division

15
-5 (1)
10
-5 (2)
 5
-5 (3)
 0

This is the same as
15 ÷ 5 = 3

Because 5 has been subtracted 3 times to get to 0

2/15 & 16 Fractions

To work out a half
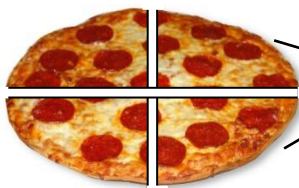Split into two equal parts
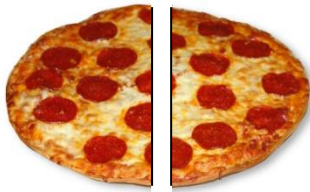
YES   NO!!!!
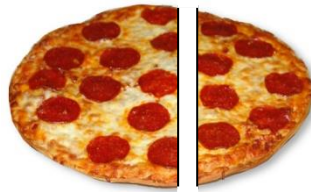
10sweets ÷ 2 = 5sweets

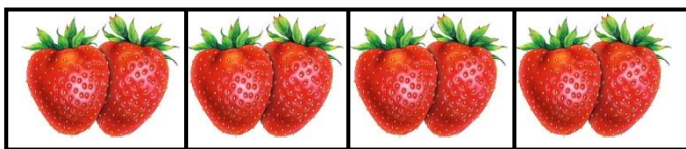OR $\frac{1}{2}$ of 10 = 10 ÷ 2 = 5

To work out a quarter
Split into four equal parts

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

8 strawberries ÷ 4 = 2 strawberries

OR $\frac{1}{4}$ of 8 = 8 ÷ 4 = 2

2/17 Units of measure

METRIC units of length are:

Millimetre (mm)

↓

Centimetre (cm)

↓

Metre (m)

↓

Kilometre (km)

1cm = 10mm   2cm = 20mm   4.5cm = 45mm

1cm   2cm   3cm   4cm   5cm
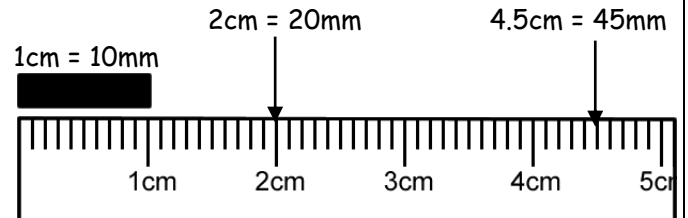
♦ A big stride is about a metre

♦ Distance to Dublin is measured in kilometres

METRIC units of mass are:

Gram (g)

↓

Kilogram (kg)

1 kilogram(kg) = 1000grams(g)

♦ An apple weighs 150grams

♦ Baby chimp weighs 3kg

2/17 Units of measure (continued)

METRIC units of capacity (liquids) are:

Millilitre (ml)

↓

Centilitre (cl)

↓

Litre (l)

- ♦ A medicine spoon holds 5ml

- ♦ A 5-litre bucket

- ♦ Fuel for the car is measured in litres

To write amounts of money
£3 or £3.00
50p or £0.50
£3.50 or 350p **BUT never £3.50p or £3.5**

Value of coins

| 1p or £0.01 | 2p or £0.02 | 5p or £0.05 | 10p or £0.10 |
| 20p or £0.20 | 50p or £0.50 | £1 or £1.00 | £2 or £2.00 |

2/20 Bills and change

To add amounts of money

24p + 32p
=20p + 4p + 30p + 2p
=20p + 30p + 4p + 2p
=50p + 6p
=56p

To find change from £1

Subtraction method	Add-on method
£1 – 56p	56p + 4p = 60p
= £1 – 50p – 6p	60p + 40p = £1
	= 4p + 40p
= 50p – 6p	= 44p
= 44p	

2/18 Compare units of measure

Think of the units of mass then order:
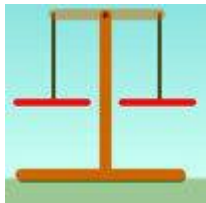
a bar of chocolate
your teacher
a blown-up balloon
a loaf of bread

A blown-up balloon ‹ a bar of chocolate ‹ a loaf of bread ‹ your teacher

Think of the units of length used then order:

How high you could jump in the air
How far you can kick a football
How far you can run in ½ minute
Length of a bug

Length of a bug ‹ you could jump in the air ‹ you can kick a football ‹ you can run in half a minute
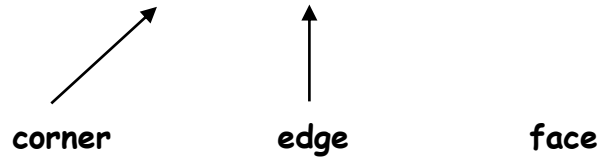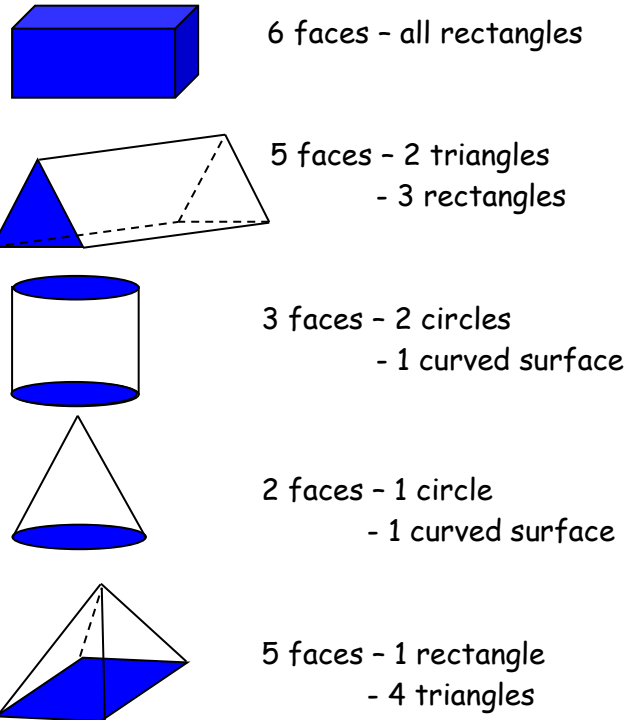
2/19 Money

2/21 Sequence of time

Smallest

Second(s) — 60
Minute(min) — 60
Hour(h) — 24
Day — 7
Week — 4
Month — 12
Year

Largest

2/22 Write time

My Clock

o'clock
five to — five past
ten to — ten past
quarter to — quarter past
twenty to — twenty past
twenty five to — twenty five past
half past

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The time shown is:

5 past 6   OR   6:05

corner   edge   face

2/25 2D shapes on 3D shapes

6 faces – all rectangles

5 faces – 2 triangles
        - 3 rectangles

3 faces – 2 circles
        - 1 curved surface

2 faces – 1 circle
        - 1 curved surface

5 faces – 1 rectangle
        - 4 triangles

2/23 2D shapes

- ◆ 3 sides – Triangles

A vertical line of symmetry
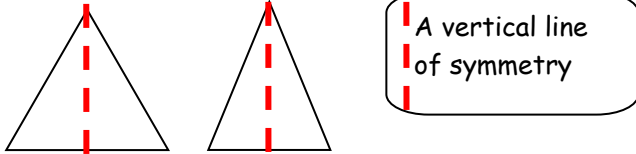
equilateral   isosceles

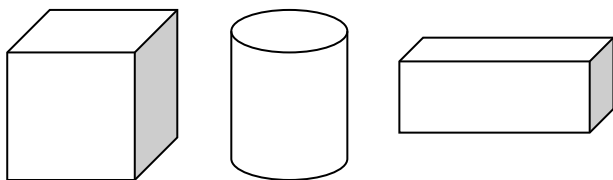- ◆ 4 sides - Quadrilaterals
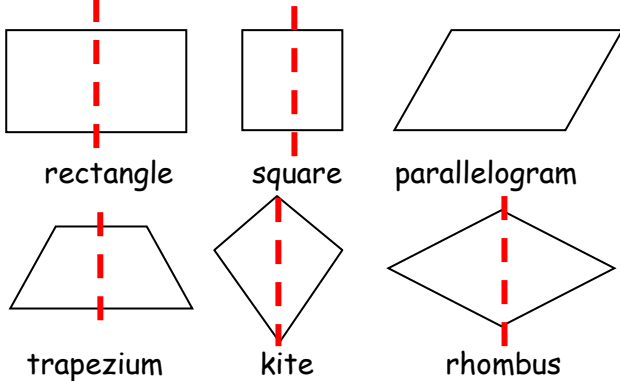
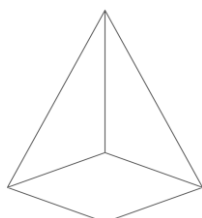rectangle   square   parallelogram

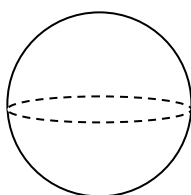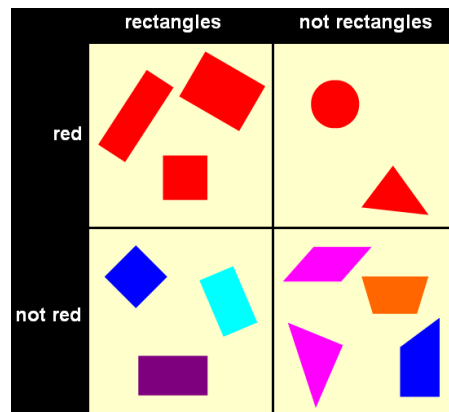trapezium   kite   rhombus
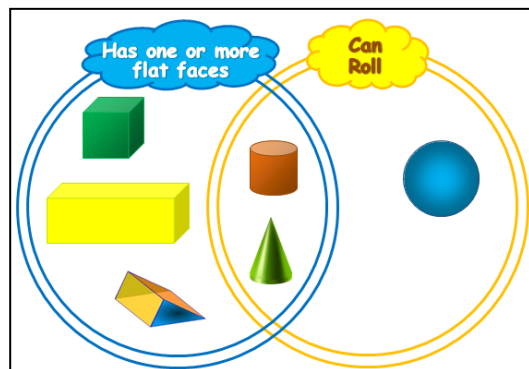
2/24 3D shapes

cube   cylinder   cuboid

pyramid   sphere

2/26 To sort 2D shapes and 3D shapes

rectangles	not rectangles
red	
not red	

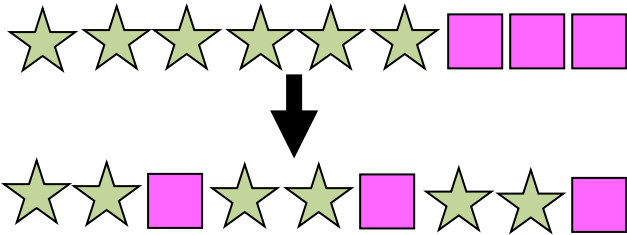Carroll diagram

Has one or more flat faces   Can Roll

Venn diagram

2/27

Sequence of shapes

Make these shapes into a pattern

Tally chart showing animals in the zoo

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

Block graph to show animals in the zoo

2/28 Describe position, direction & movement

LEFT   RIGHT

ANTICLOCKWISE   CLOCKWISE

 Clockwise (1 right angle) or $\frac{1}{4}$ turn

 Anticlockwise(1 right angle) or $\frac{1}{4}$ turn

 Half turn (2 right angles)

2/29 Tables and graphs

Pictogram of Year 2 favourite fruits
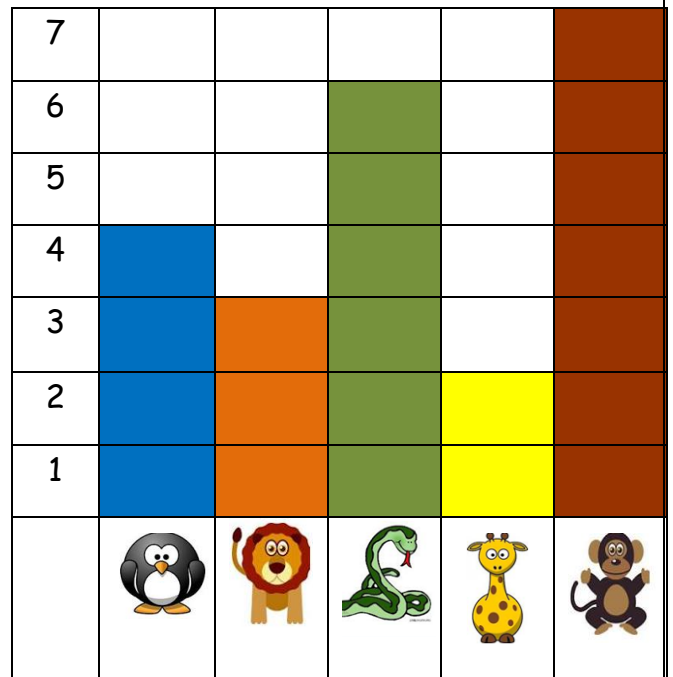
2/30 Questions about tables and graphs

Example:
Questions about 'Animals in the zoo'

1. How many animals are there altogether?

   4+3+6+2+7=22

2. How many more monkeys are there than lions?

   7-3=4

3. What animal is there least of?

   giraffe