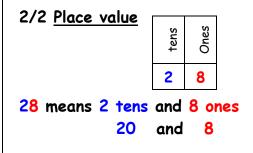
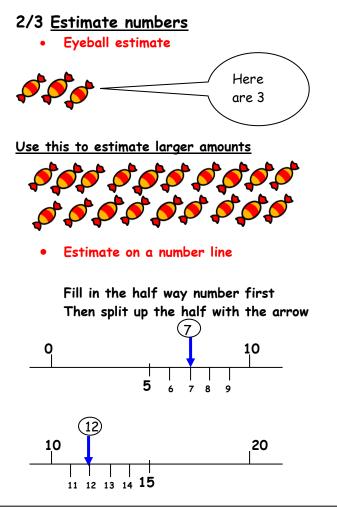
# Year 2 Maths Help and Tips

2/1	<u>K</u>	now	th	e 2,	3,	5,	<u>10</u>	<u>time</u>	<u>es t</u> e	<u>ables</u>
0	х	2	=	0		0	х	5	=	0
1	х	2	=	2		1	х	5	=	5
2	х	2	=	4		2	х	5	=	10
3	х	2	=	6		3	х	5	=	15
4	х	2	=	8		4	х	5	=	20
5	х	2	=	10		5	Х	5	=	25
6	Х	2	=	12		6	х	5	=	30
7	Х	2	=	14		7	х	5	=	35
8	Х	2	=	16		8	х	5	=	40
9	Х	2	=	18		9	х	5	=	45
10	Х	2	=	20		10	х	5	=	50
11	Х	2	=	22		11	Х	5	=	55
12	х	2	=	24		12	х	5	=	60
0	х	10	=	0		0	х	3	=	0
1	х	10	=	10		1	х	3	=	3
2	х	10	=	20		2	х	3	=	6
3	х	10	=	30		3	х	3	=	9
4	х	10	=	40		4	х	3	=	12
5	х	10	=	50		5	х	3	=	15
6	х	10	=	60		6	х	3	=	18
7	х	10	=	70		7	х	3	=	21
8	х	10	=	80		8	х	3	=	24
9	х	10	=	90		9	х	3	=	27
10	х	10	=	100		10	х	3	=	30
11	х	10	=	110		11	Х	3	=	33
12	Х	10	=	120		12	Х	3	=	36
<u>Cou</u>	nt	in 1	.0s	-						
				50						
				Tens Ones						
	3 7									
	▼.									
Counting up in tens this digit changes: 37 47 57 67 77 87										





#### 2/4 Order numbers

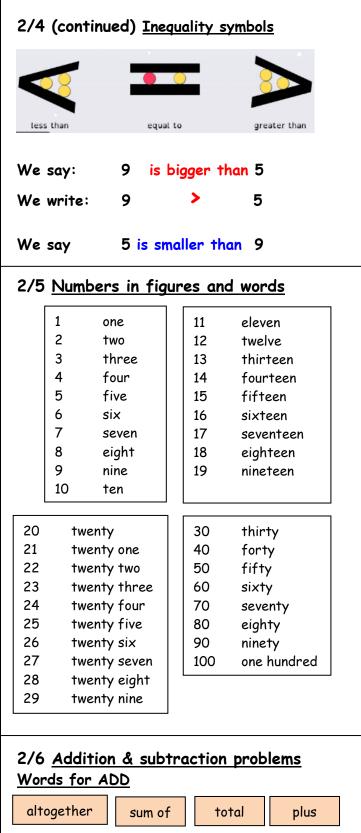
Ten	Ones
3	7
3	2
7	6
6	2
<b>≜</b>	•

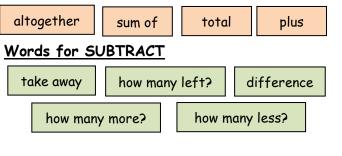
Begin at the tens and compare
76 is the biggest
62 is next biggest

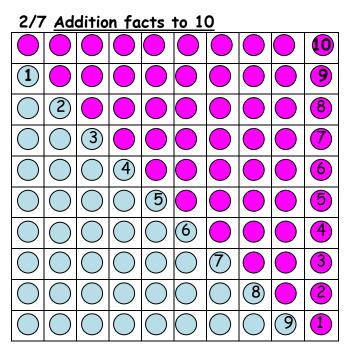
Ten	Ones
3	7
3	2
7	6
6	2

Move to the ones and compare

<u>Order is: 76 62 37 32</u>





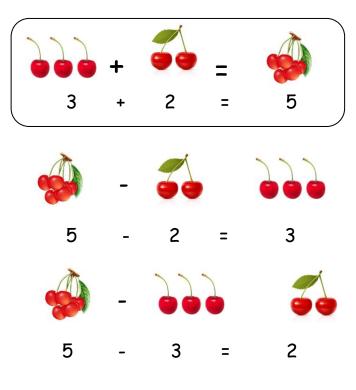


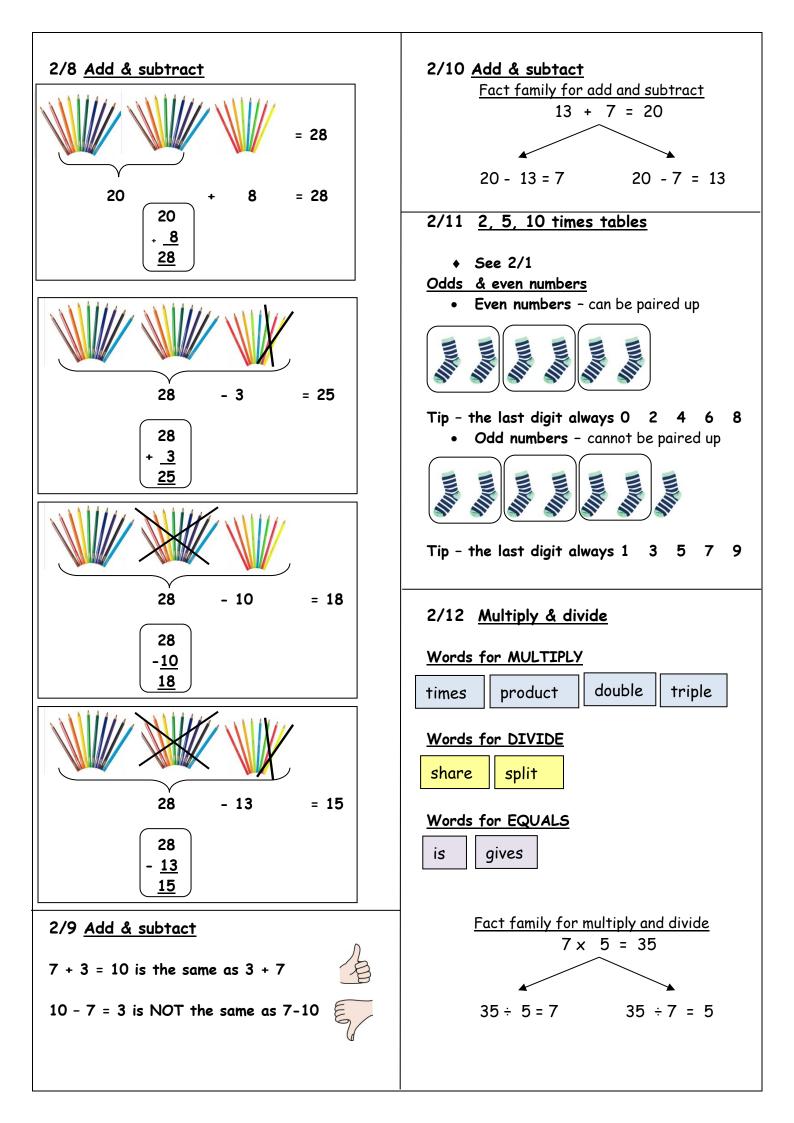
0 + 10	1+9	2 + 8	3 + 7	4 + 6
10 + 0	9 + 1	8 + 2	7 + 3	6 + 4
		5 + 5		

# 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





#### 2/13 <u>Multiply & divide</u>

 $7 \times 5 = 35$  is the same as  $5 \times 7$ 

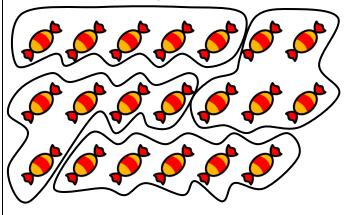


 $35 \div 7 = 5$  is NOT the same as  $7 \div 35$ 

### 2/14 <u>Multiply & divide</u>

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

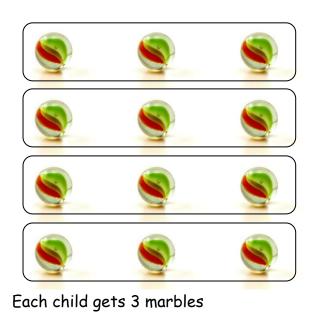
Divide them up into groups of 5 sweets-like this



There must be 4 children

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

Divide them up into 4 groups - like this



#### **<u>Repeated addition</u>** (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 × 10 = 30

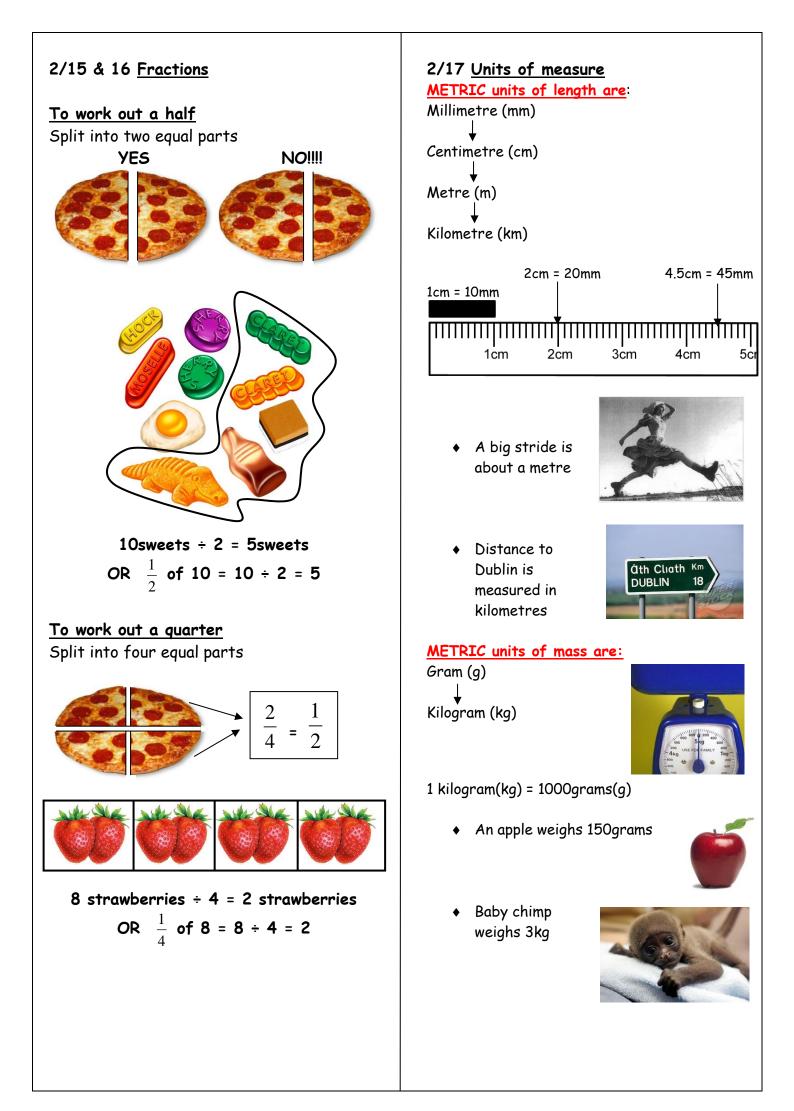
#### <u>Repeated subtraction (Division)</u>

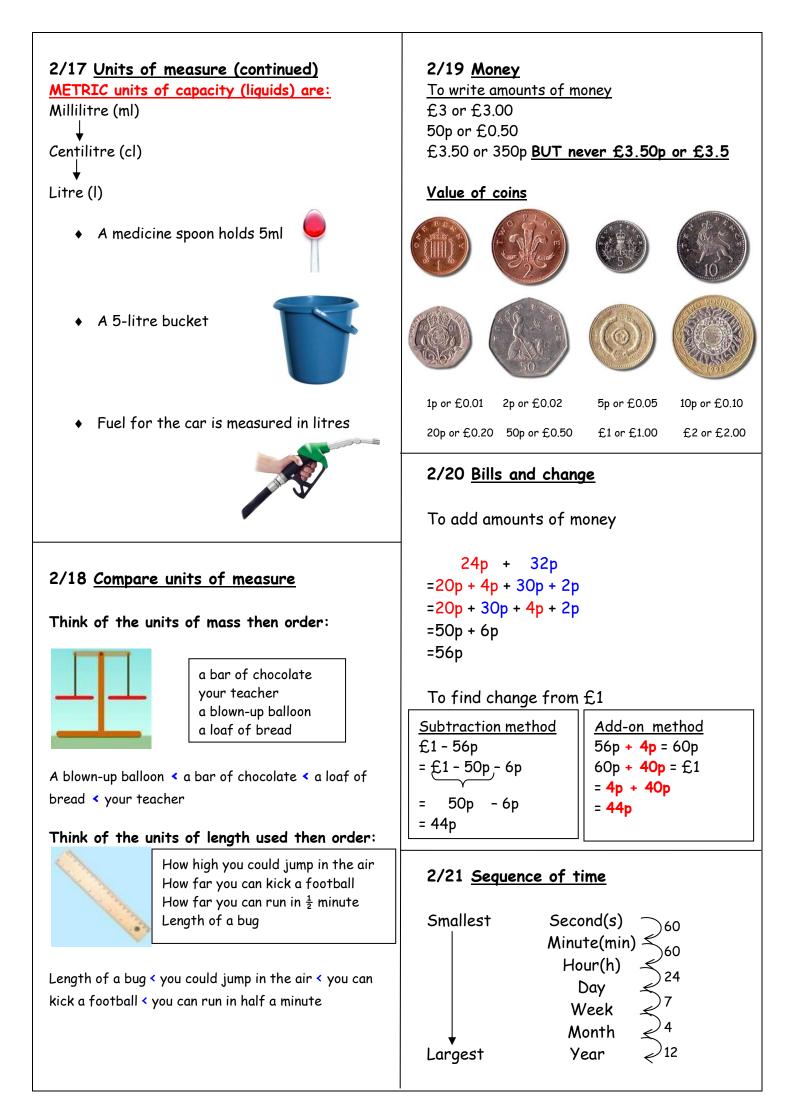
Repeated subtraction is the same as division

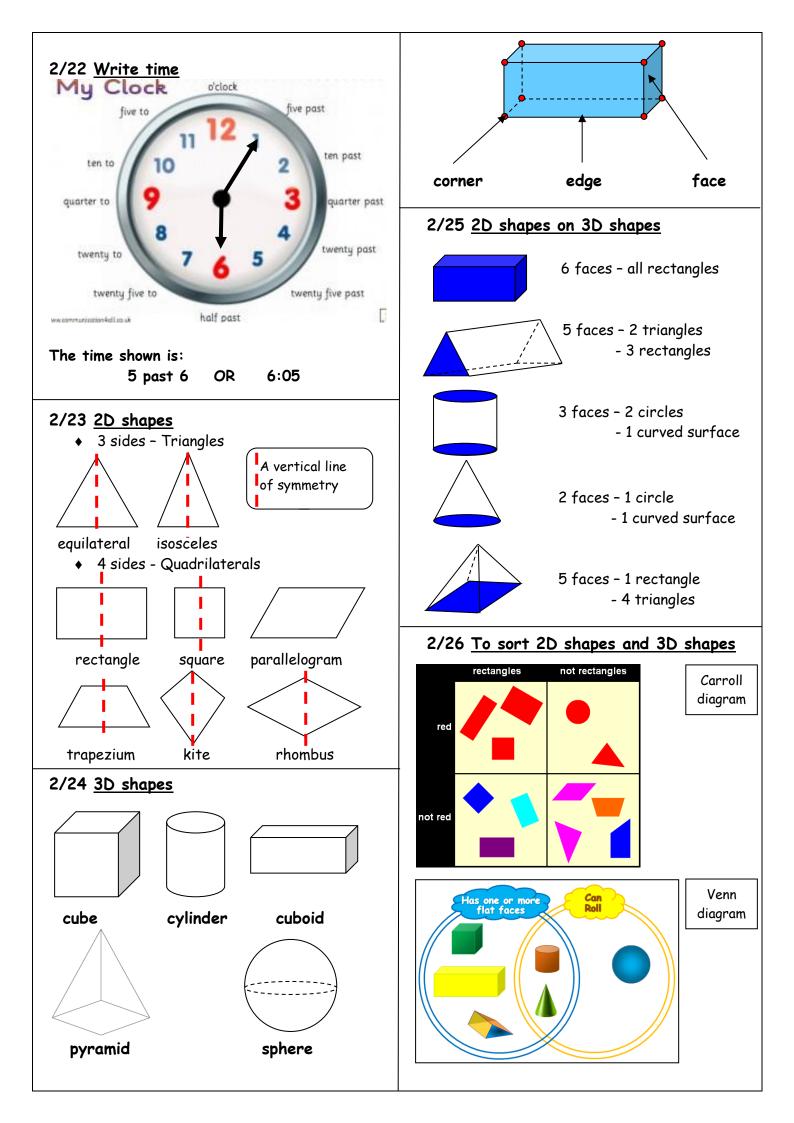
15 <u>-5</u> (1) 10 <u>-5</u> (2) <u>5</u> <u>-5</u> (3) 0

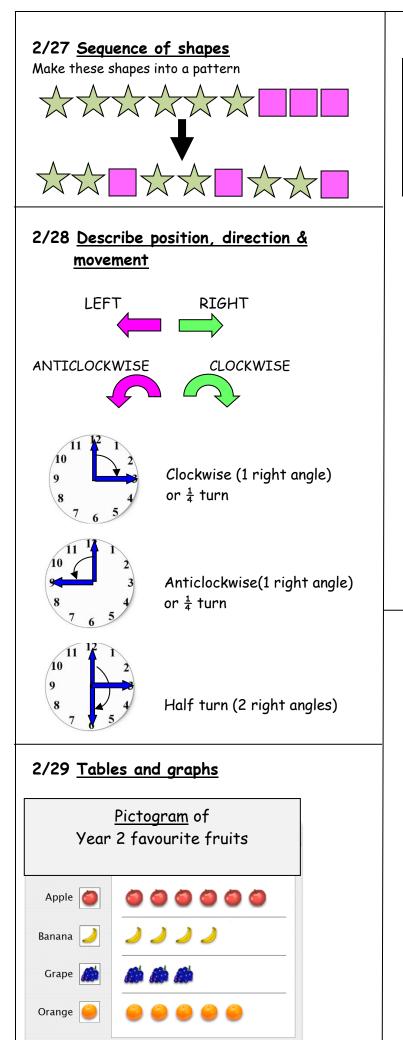
This is the same as 15 ÷ 5 = 3

Because 5 has been subtracted 3 times to get to 0



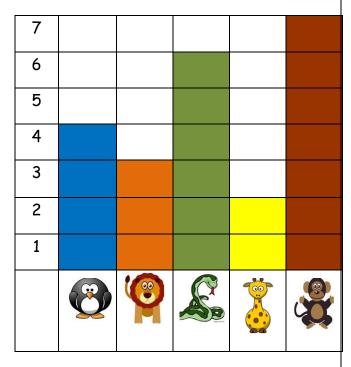






Tally chart showing animals in the zoo Animal Tally Number of animals 4 Penguin Lion 3 JHHT | 6 Snake Giraffe 2 7 Monkey JHT ||

#### <u>Block graph</u> to show animals in the zoo



## 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