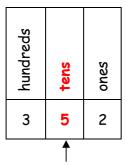
Stage 3 PROMPT sheet

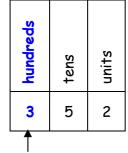
3/1 <u>Count in multiples</u>

Now you must learn these multiples

Multiples of 4	Multiples of 8	Multiples of 50	Multiples of 100
0	0	0	0
4	8	50	100
8	16	100	200
12	24	150	300
16	32	200	400
20	40	250	500
24	48	300	600
28	56	350	700
32	64	400	800
36	72	450	900
40	80	500	1000

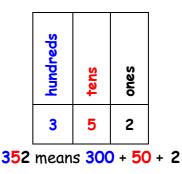


• To find 10 more or 10 less, it is the 'tens digit' that changes 10 more than 352 becomes 362 10 less than 352 becomes 342



• To find 100 more or 100 less, it is the 'hundreds' digit that changes 100 more than 352 becomes 452 100 less than 352 becomes 252

3/2 <u>Recognise place value</u>



3/3 Numbers in words and figures

In order to put FIGURES into WORDS, we must try to imagine that the number is in a PLACE VALUE table like this one

Hundred	Ten	Ones
1	4	7
One hundred forty seven		
One hundred and forty-seven		

Hundred	Ten	Ones
4	0	9
Four hundred		nine
Four hundred and nine		

3/3 Compare and order numbers

• Write numbers lining up the digits

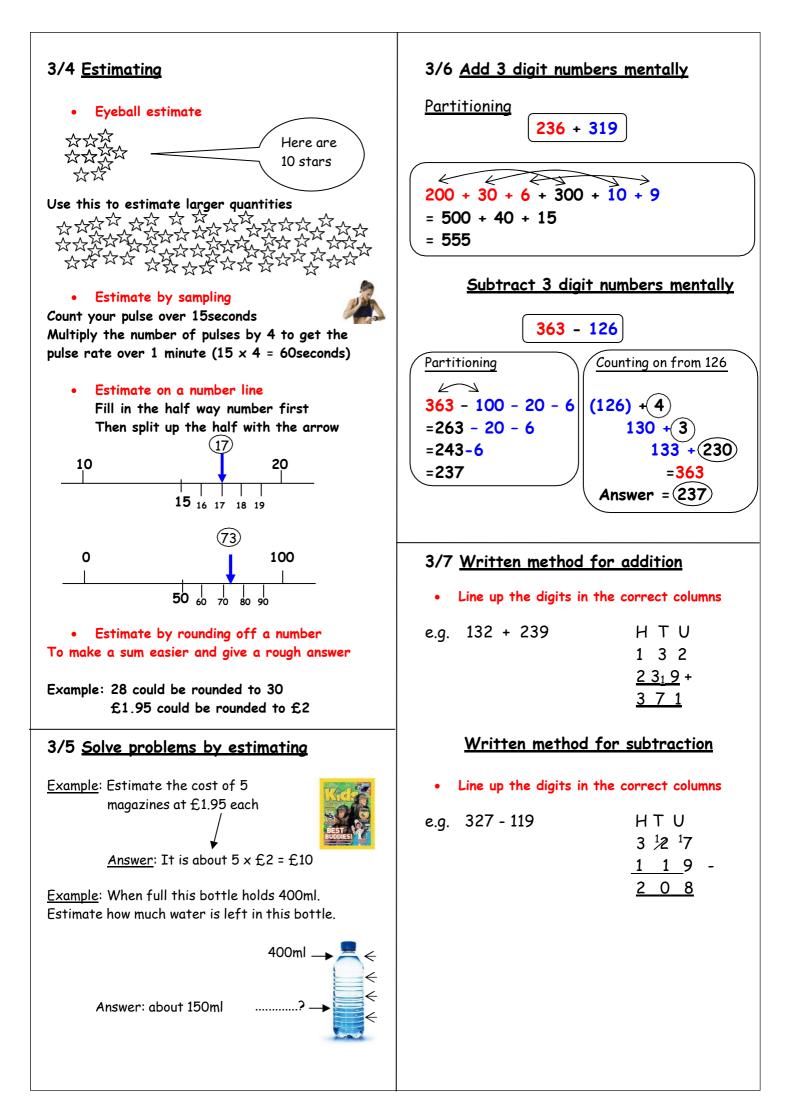
Hundred	Ten	Ones
1	4	7
6	3	2
1	7	6
1	6	2

•

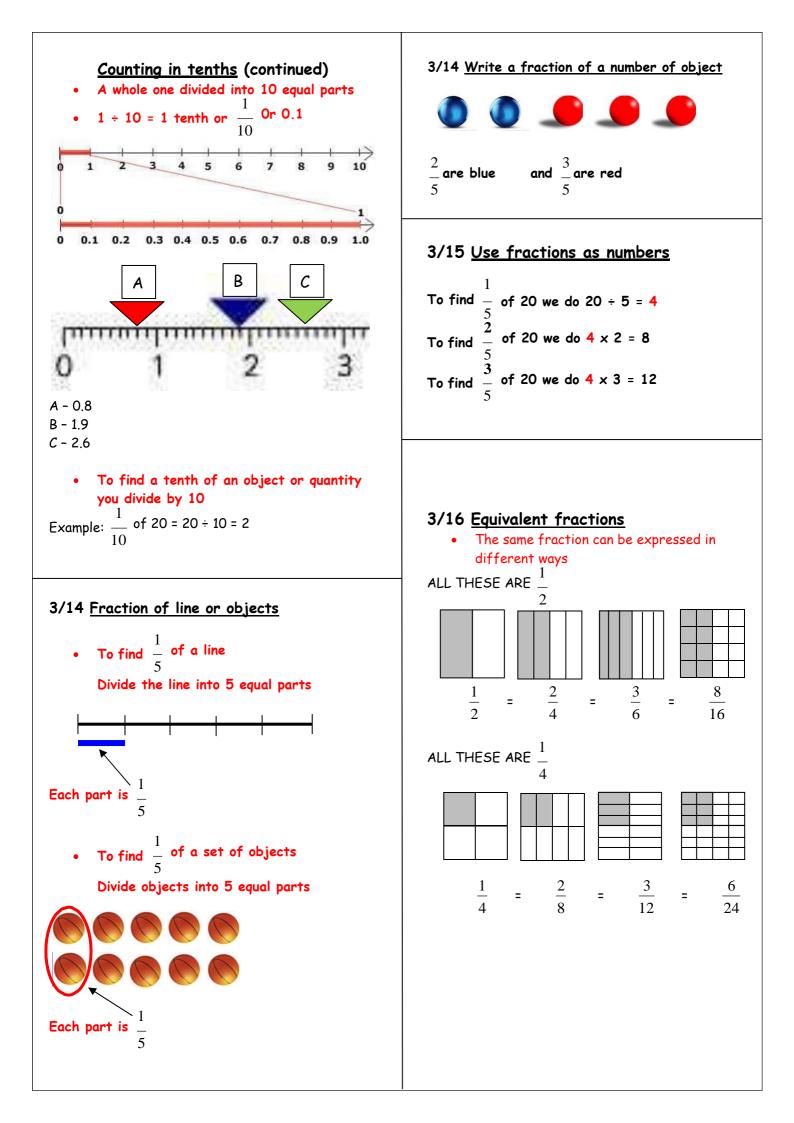
Begin at the hundreds and compare 632 is the biggest

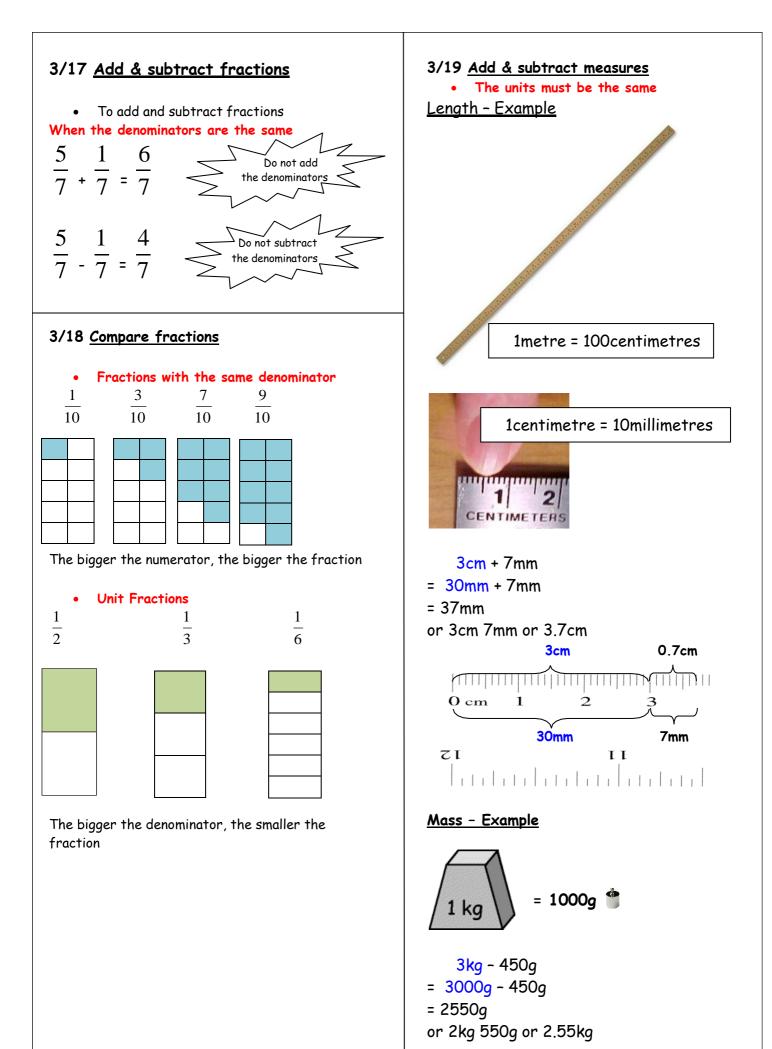
Hundred	Ten	One
		S
1	4	7
0	3	۷.
1	7	6
1	6	2
		

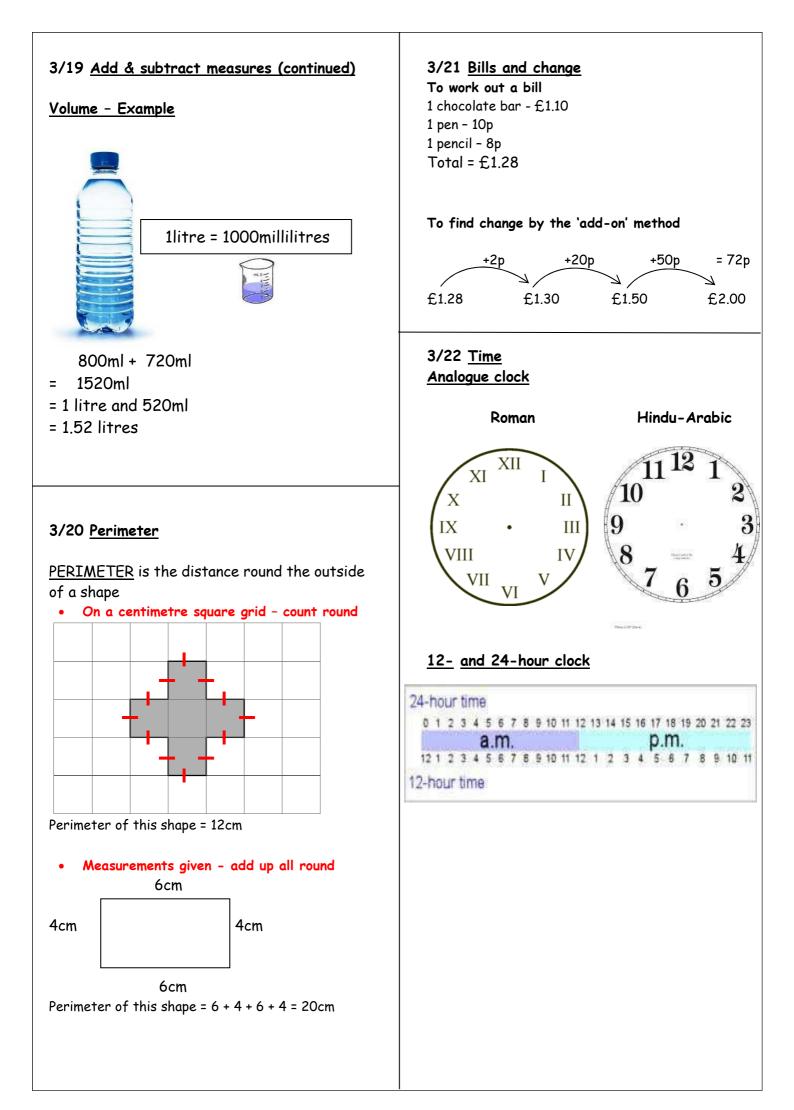
Move to the tens and compare
 Order is: 632, 176, 162, 147

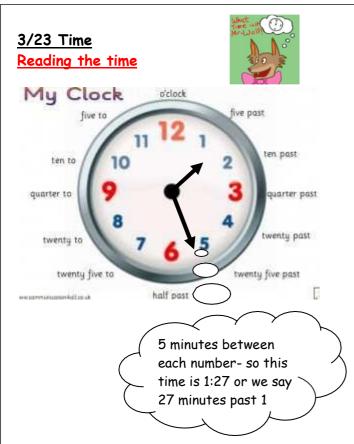


3/8 Estimate answers to calculations	 3/11 <u>Multiply & divide</u> A 2-digit number by a single digit 	
 Round off each number Then do the calculation		
 Check using the inverse 	<u>Column method</u> 3 8	
Example: Estimate 83 - 28	<u>3</u> ×	
	<u>2</u>	
80 - 30 = 50 Inverse: 50 + 30 = 80✔		
	<u>Grid method</u> 30 8	
3/9 <u>Missing number problems</u>	3 90 24	
	90 + 24 = <u>114</u>	
Fact family for +/-	Partitioning method	
34 + 23 = 57 57 - 23 = 34	38 × 3	
	= 30 x3 + 8 x 3 = 90 + 24	
23 + 34 = 57	= 50 + 24 = 114	
	3/12 Multiply & divide	
3/10 Know the 3, 4 and 8 times tables	 Look for connections between two sums Remember the fact family for x/÷ 	
1 x 3 = 3 1 x 4 = 4 1 x 8 = 8	×10	
$\begin{vmatrix} 2 & x & 3 & = & 6 \\ 3 & x & 3 & = & 9 \\ \end{vmatrix} \begin{vmatrix} 2 & x & 4 & = & 8 \\ 3 & x & 4 & = & 12 \\ \end{vmatrix} \begin{vmatrix} 2 & x & 8 & = & 16 \\ 3 & x & 8 & = & 24 \\ \end{vmatrix}$	Example: 6 x 4 = 24 So 60 x 4 = 240	
4 x 3 = 12 4 x 4 = 16 4 x 8 = 32	So 240 ÷ 4 = 60	
$ \begin{vmatrix} 5 & x & 3 & = & 15 \\ 6 & x & 3 & = & 18 \\ 6 & x & 3 & = & 18 \\ \end{vmatrix} \begin{vmatrix} 5 & x & 4 & = & 20 \\ 6 & x & 4 & = & 24 \\ \end{vmatrix} \begin{vmatrix} 5 & x & 8 & = & 40 \\ 6 & x & 8 & = & 48 \\ \end{vmatrix} $	x2 Example: 9 x 8 = 72	
7 x 3 = 21 7 x 4 = 28 7 x 8 = 56 8 x 3 = 24 8 x 4 = 32 8 x 8 = 64	So 144 ÷ 8 = 18	
9 x 3 = 27 9 x 4 = 36 9 x 8 = 72		
10 x 3 = 30 10 x 4 = 40 10 x 8 = 80 11 x 3 = 33 11 x 4 = 44 11 x 8 = 88		
$12 \times 3 = 36 12 \times 4 = 48 12 \times 8 = 96$	3/13 <u>Tenths</u>	
Fact family for ×/÷		
9 x 8 = 72 72 ÷ 9 = 8	tens oness tenths	
$\begin{array}{ c } \hline 8 \times 9 = 72 \end{array} \qquad \begin{array}{ c } \hline 72 \div 8 = 9 \end{array}$	8 2 • 6	
	 This represents 6 tenths = 10 	





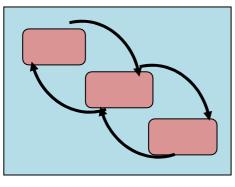




Times of the day in 12-hour clock

Morning	Afternoon
12.00	12.00
midnight	noon
1.00 am	1.00 pm
2.00 am	2.00 pm
3.00 am	3.00 pm
4.00 am	4.00 pm
5.00 am	5.00 pm
6.00 am	6.00 pm
7.00 am	7.00 pm
8.00 am	8.00 pm
9.00 am	9.00 pm
10.00 am	10.00 pm
11.00 am	11.00 pm
12.00	12.00
noon	midnight

3/24 Time - hours minutes, seconds



Months of the year

✓ One Year — One Y

• A rhyme to remember the days in each month

30 days has September, April, June and November. All the rest have 31 Except February alone, Which has 28 days clear And 29 in each leap year.

• the "knuckle method"

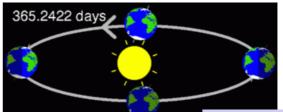


A knuckle is "31 days", and in between each knuckle it isn't.

And where your hands meet, the two knuckles are "July, August", which both have 31 days.

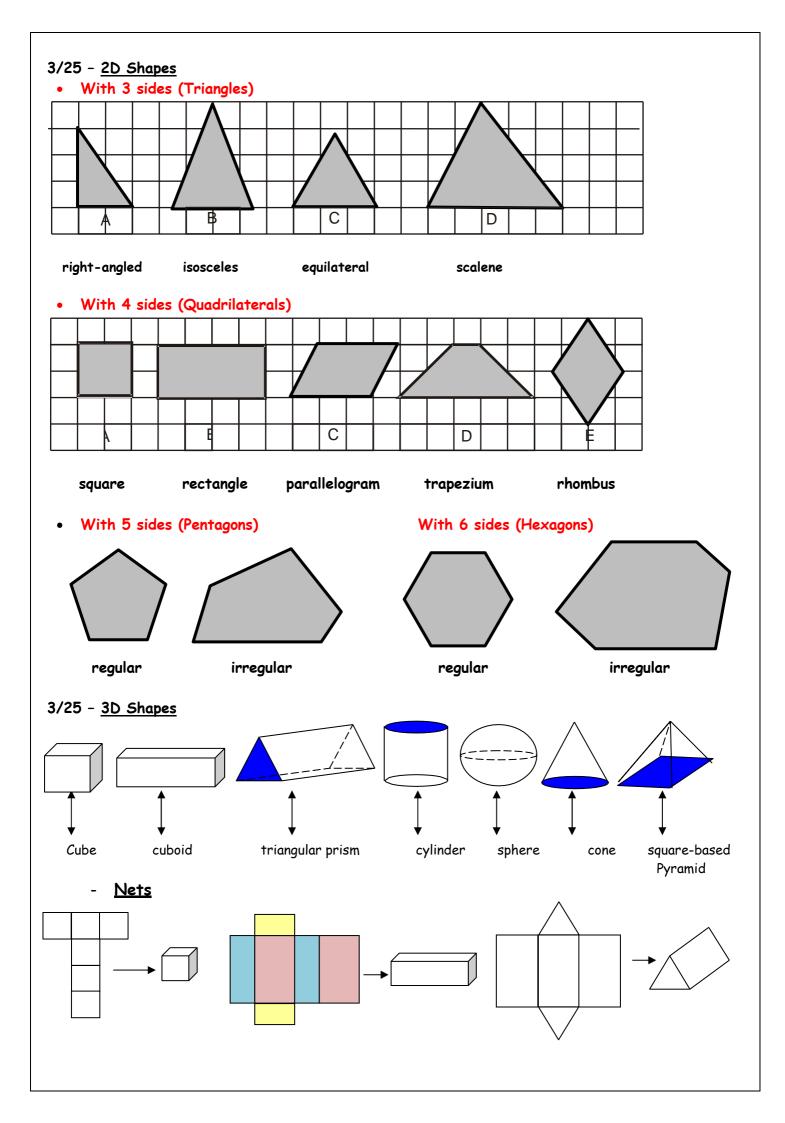
February has 28 days & 29 days in a leap year (every 4 years)

<u>Days in a year</u>

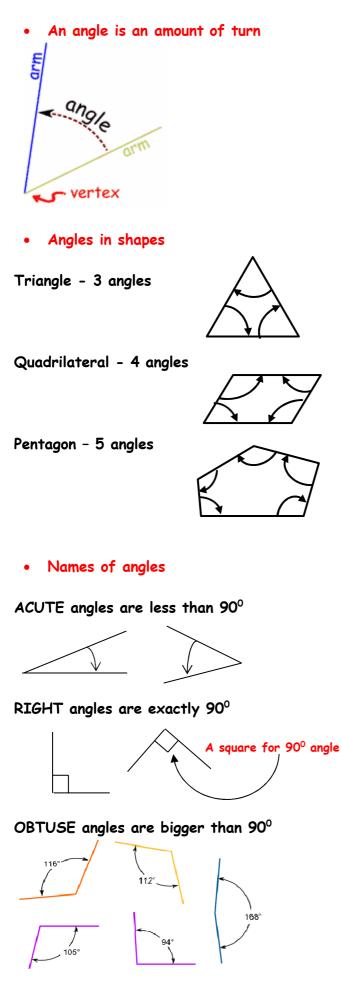


365 days in a year 366 days in a leap year





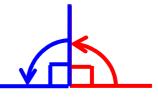




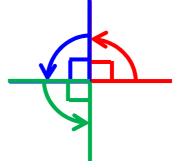
3/27 <u>Right angles</u> ONE right angle measures exactly 90°



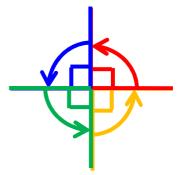
TWO right angles measure exactly 180° This is called a <u>half-turn</u>



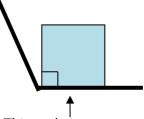
THREE right angles measure exactly 270[°] This is called <u>three quarters of a turn</u>



FOUR right angles measure exactly 360° This is called <u>a full or complete turn</u>



To check if an angle is bigger or smaller than a right angle, use a square corner



This angle is less than a right angle

This angle is greater than a right angle

3/28 Types of Lines



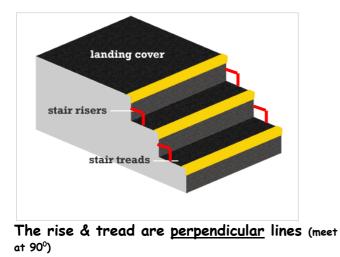
The Horizon is a <u>horizontal</u> line



This cliff face is a <u>vertical</u> line



The running track is <u>parallel</u> lines (never meet)

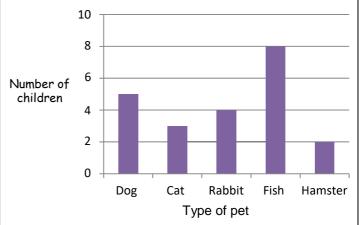


3/29 <u>Bar charts</u>

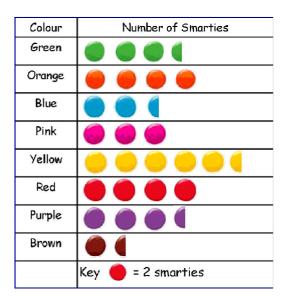
Frequency table to show pets owned by Year 3

Type of pet	Tally	Number of pets
Dog	_##T	5
Cat	III	3
Rabbit		4
Fish	.₩T III	8
Hamster	II	2

A bar graph to show pets owned by Year 3



Pictogram to show the colours in a tube of Smarties



3/30 Solve answers to questions

• Bar chart in 3/29

(i) How many <u>more</u> children own a rabbit than a hamster?

Answer: 4-2 = 2

 What is the <u>difference</u> between the number of children who own a dog and the number of children who own a cat?

Answer: 5 - 3 = 2

(iii) How many pets are owned <u>altogether</u> by the children Year 3?

Answer: 5 + 3 + 4 + 8 + 2 = 22

• Pictogram in 3/29

(i) How many <u>fewer</u> blue smartles are there than yellow ones?

Answer: 11 - 5 = 6

(ii) Work out the <u>total</u> number of smarties in the tube

Answer: 55