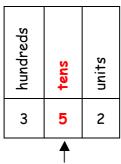
# Stage 3 PROMPT sheet

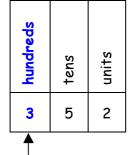
# 3/1 Count in multiples

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

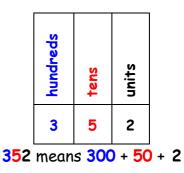


• To find 10 more or 10 less, it is the 'tens digit' that changes 10 more than 352 becomes 362 10 less than 352 becomes 342



• 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	Unit
1	4	7
One hundred forty seven		
One hundred and forty-seven		

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

# 3/3 Compare and order numbers

• Write numbers lining up the digits

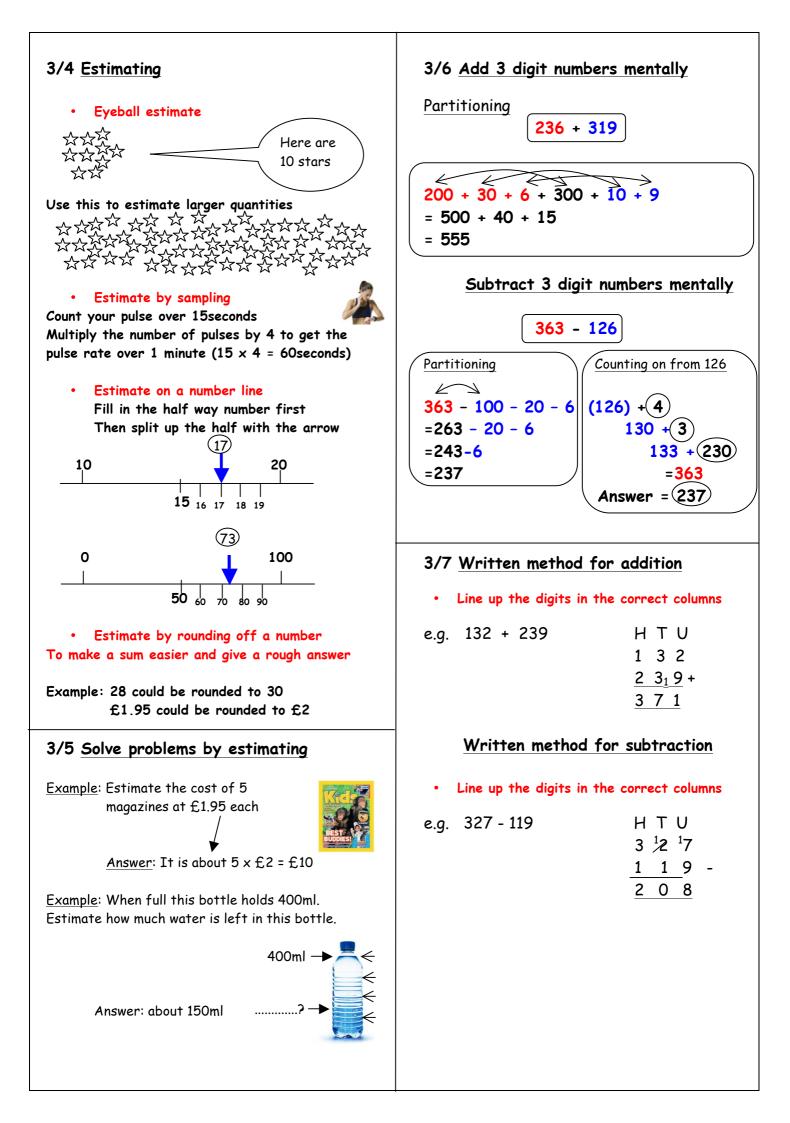
Hundred	Ten	Unit
1	4	7
6	3	2
1	7	6
1	6	2

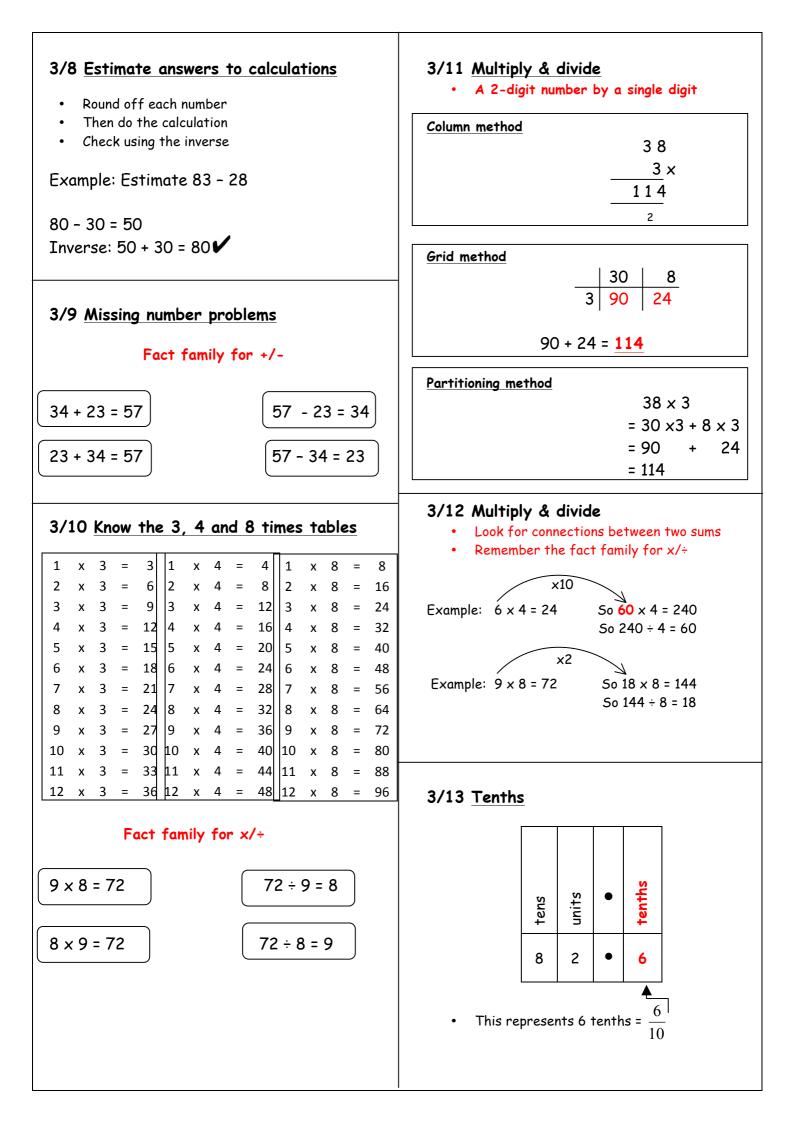
.

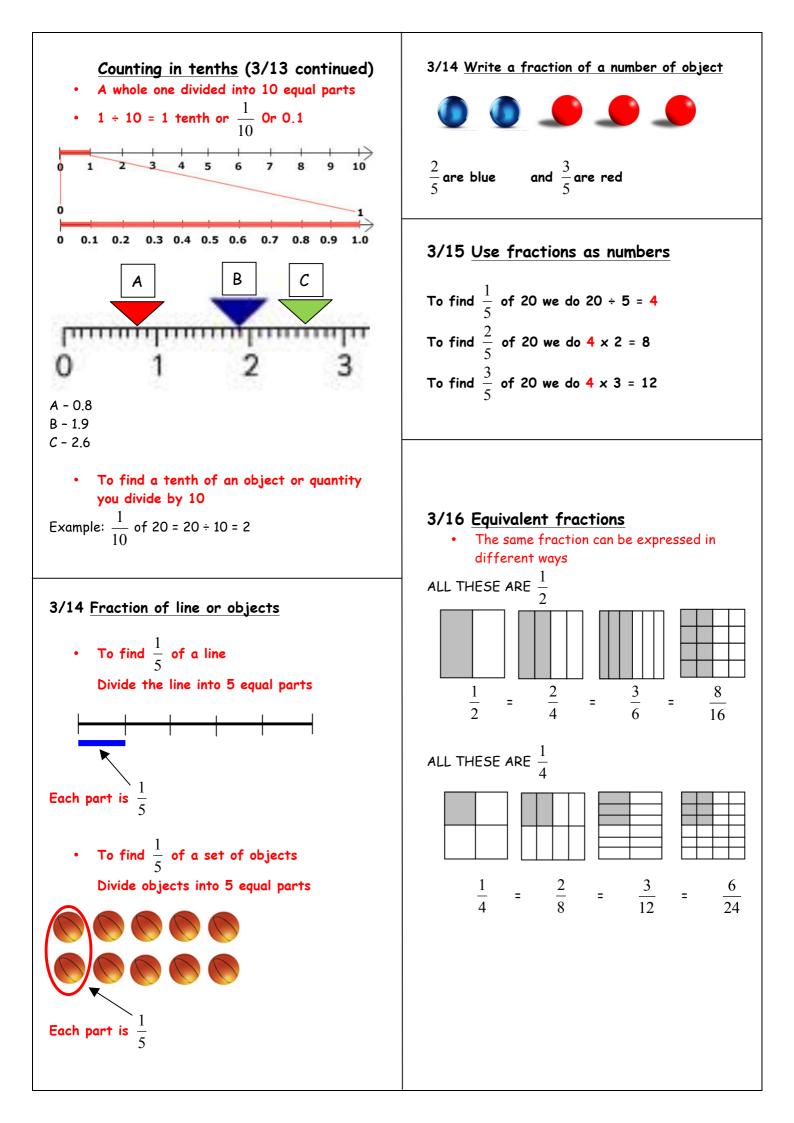
Begin at the hundreds and compare 632 is the biggest

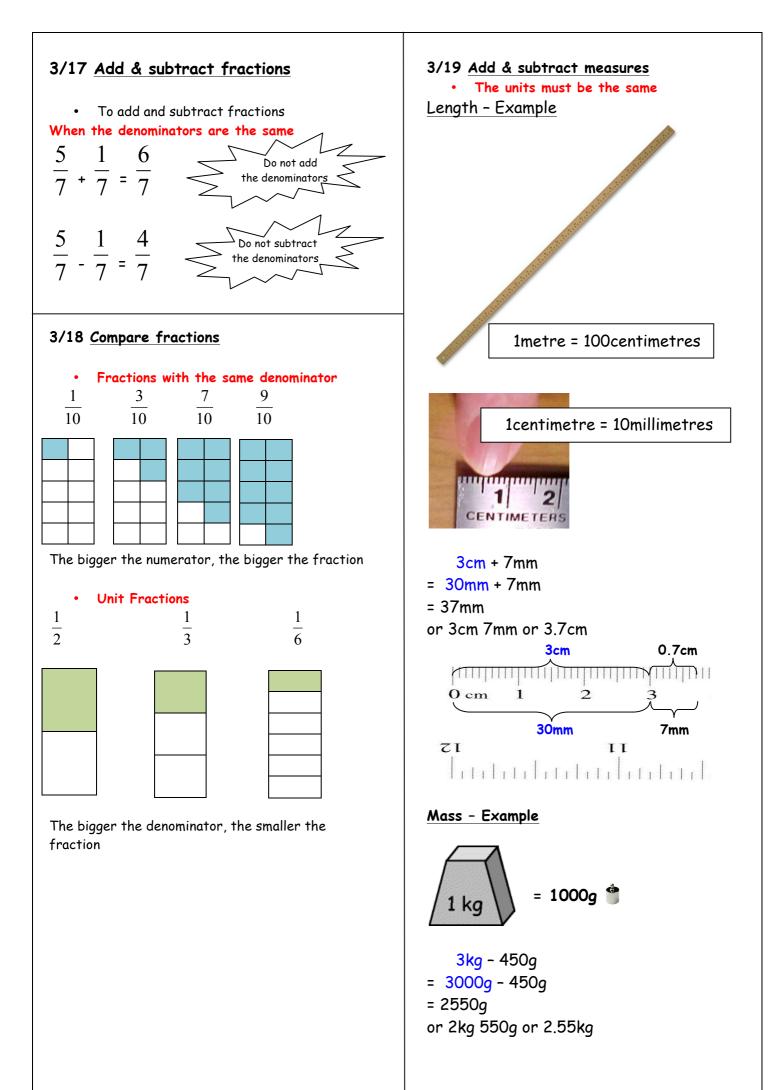
Hundred	Ten	Unit
1	4	7
6	3	2
1	7	6
1	6	2

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



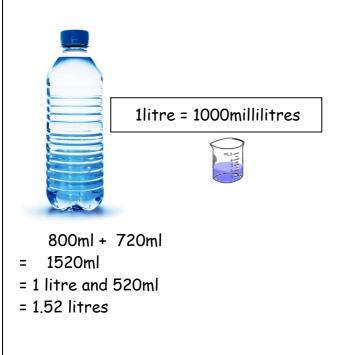






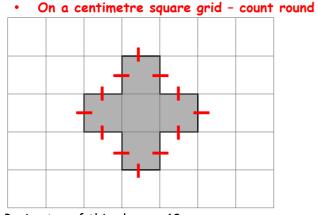


#### <u>Volume – Example</u>

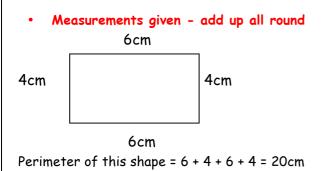


#### 3/20 Perimeter

<u>PERIMETER</u> is the distance round the outside of a shape



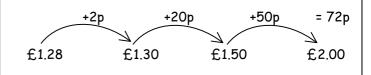
Perimeter of this shape = 12cm



#### 3/21 Bills and change

To work out a bill 1 chocolate bar - £1.10 1 pen - 10p 1 pencil - 8p Total = £1.28

#### To find change by the 'add-on' method



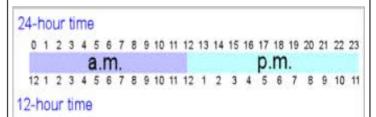
3/22 <u>Time</u> <u>Analogue clock</u>

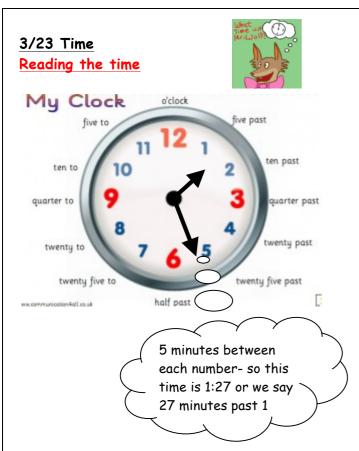
Roman

Hindu-Arabic

# $\begin{pmatrix} XI & XII & I \\ X & & II \\ IX & \cdot & III \\ VIII & IV \\ VII & VI \\ VII & V \\ VI & V \\ VI & V \\ \end{pmatrix} \begin{pmatrix} 11 & 12 & 1 \\ 10 & & 2 \\ 9 & \cdot & 3 \\ 8 & & 4 \\ 7 & 6 & 5 \\ \end{pmatrix}$

#### 12- and 24-hour clock

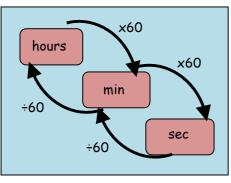




#### Times of the day in 12-hour clock

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 -Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov

 ${
m A}$  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"

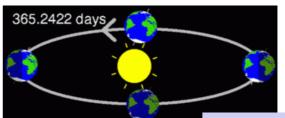


A knuckle is "31 days", and in between each knuckle it isn't.

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

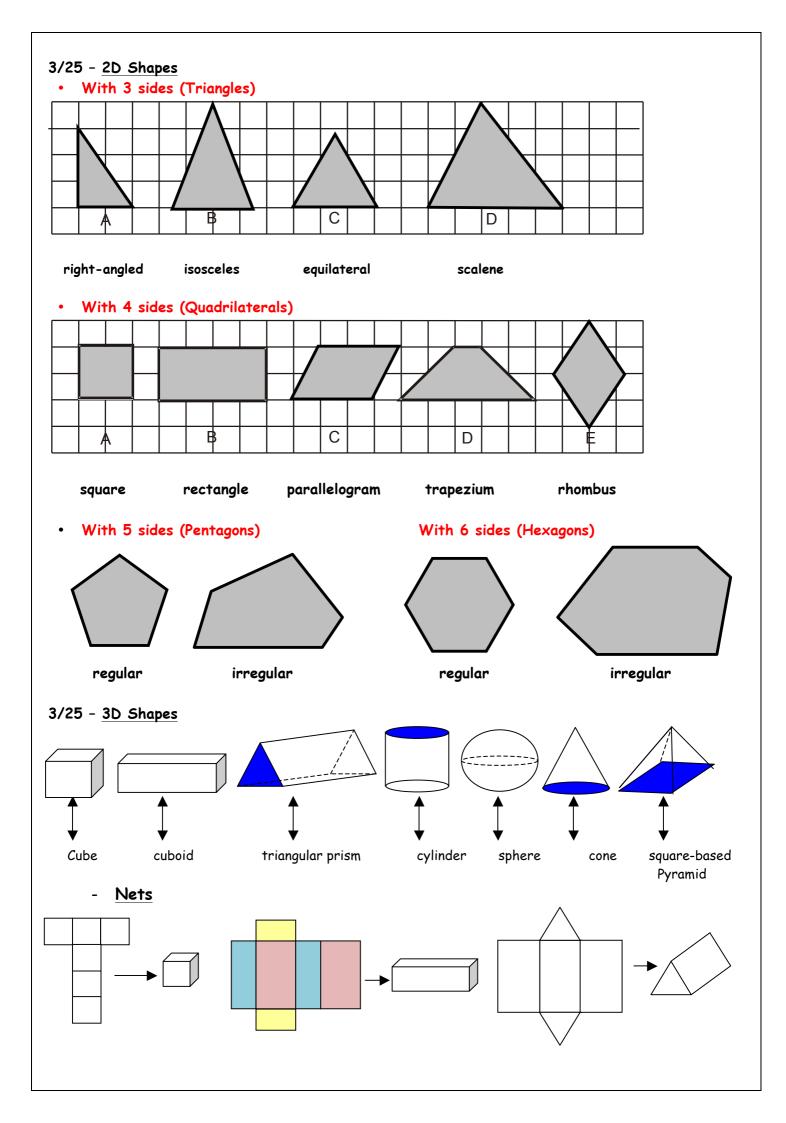
February has 28 days & 29 days in a leap year (every 4 years)

#### Days in a year

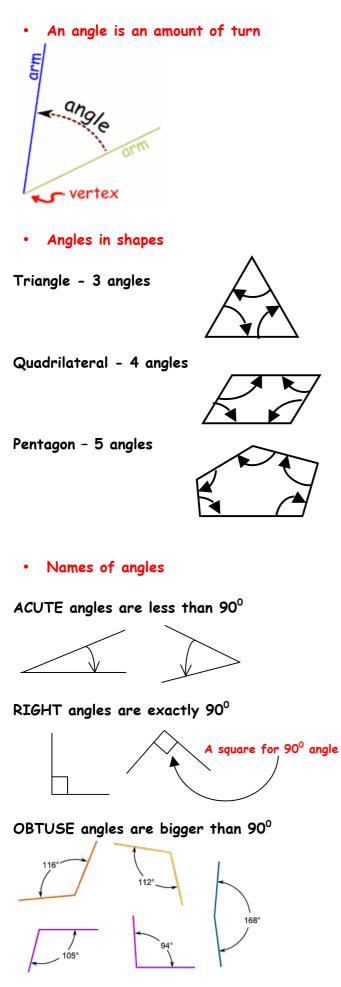


365 days in a year 366 days in a leap year





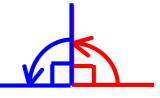




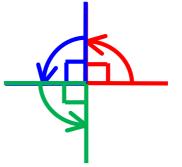
**3/27** <u>Right angles</u> ONE right angle measures exactly 90<sup>°</sup>



TWO right angles measure exactly  $180^{\circ}$ This is called a <u>half-turn</u>



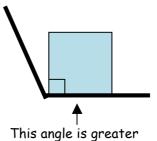
THREE right angles measure exactly 270<sup>0</sup> This is called <u>three quarters of a turn</u>



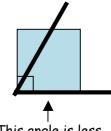
FOUR right angles measure exactly 360<sup>°</sup> This is called <u>a full or complete turn</u>



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



than a right angle



This angle is less than a right angle

## 3/28 Types of Lines



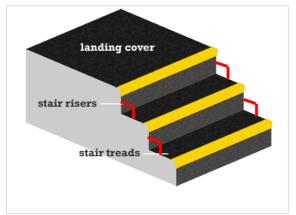
The Horizon is a horizontal line



This cliff face is a vertical line



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



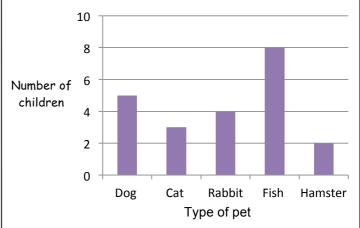
The rise & tread are perpendicular lines (meet at  $90^{\circ})$ 

## 3/29 Bar charts

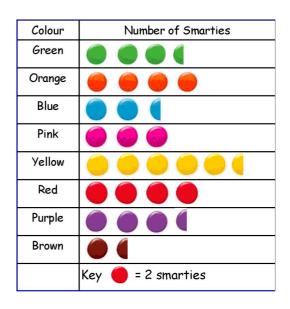
Frequency table to show pets owned by Year 3

Type of pet	Tally	Number of pets
Dog	-##	5
Cat	III	3
Rabbit		4
Fish	.₩T III	8
Hamster	Ш	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 questionsBar chart in 3/29

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

Answer: 4-2 = 2

(ii) 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 smarties are there than yellow ones?

Answer: 11 - 5 = 6

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

Answer: 55