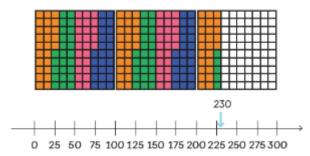
## Year 4 Indigo Knowledge Organiser: Numbers to 10,000



Can you count in hundreds and twenty-fives?







3 thousands





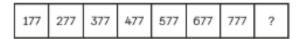


Can you count in thousands, hundreds, tens and ones?

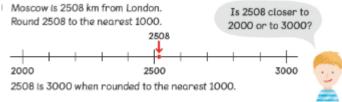
thousands	hundreds	tens	ones
	8	5	1
	6	7	2



Can you compare and order 3 and 4 digit numbers?



Can you make number patterns using 1000, 100, 10 or 1 more/less?



Can you round to the nearest 10, 100 or 1000 and use rounding to estimate?



The digit 2 is in the thousands place. It stands for 2000.

The digit 3 is in the hundreds place. It stands for 300.

The digit 4 is in the tens place. It stands for 40.

The digit 5 is in the ones place. It stands for 5.

Can you use place value to count and recognise the value of each digit in a 4 digit number?

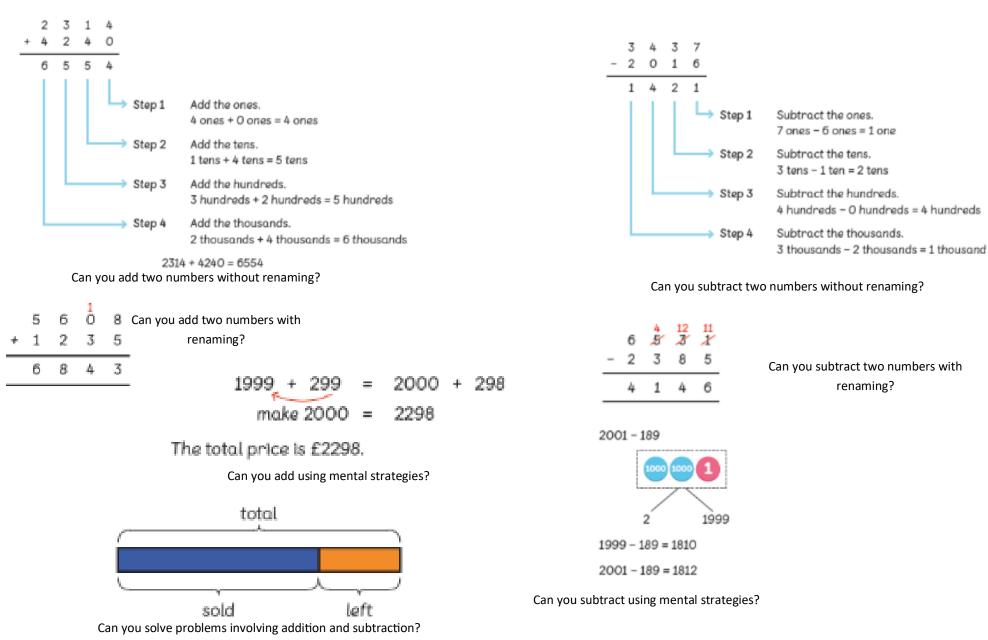
1	2	3	4	5	б	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30

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

		-		_					_
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

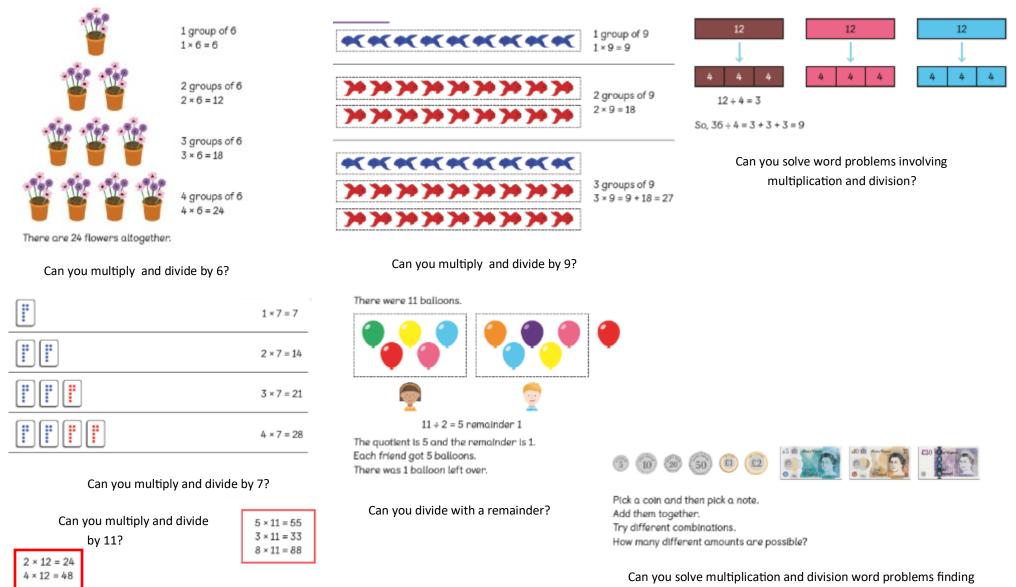
Can you count in sixes, sevens and nines?

Can you count in thousands?



#### Year 4 Indigo Knowledge Organiser: Addition & Subtraction Within 10,000

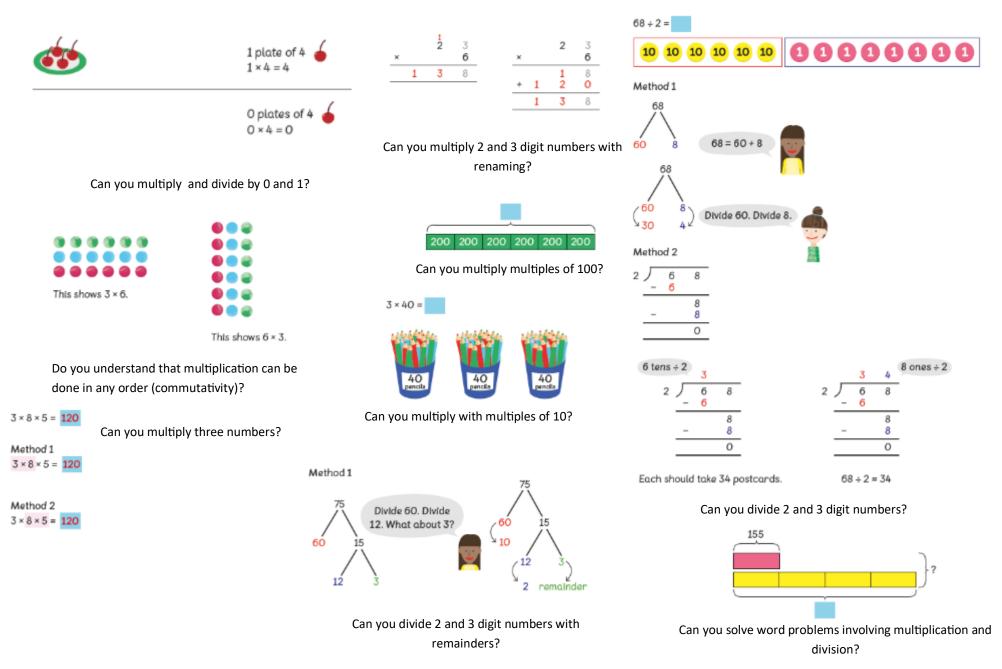
## Year 4 Indigo Knowledge Organiser: Multiplication & Division



8 × 12 = 96

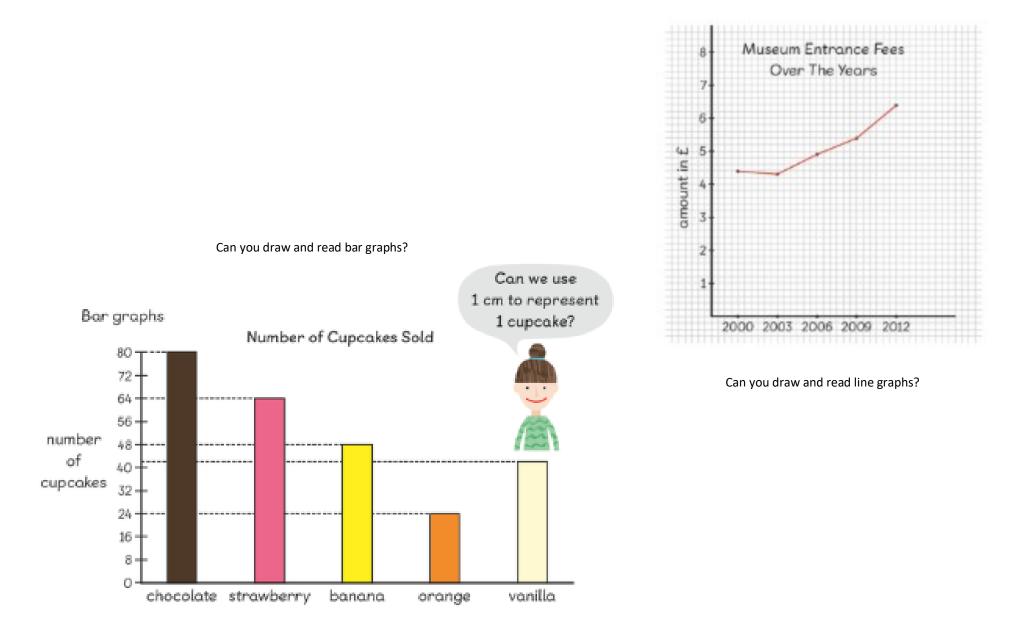
Can you multiply and divide by 12?

all possibilities?

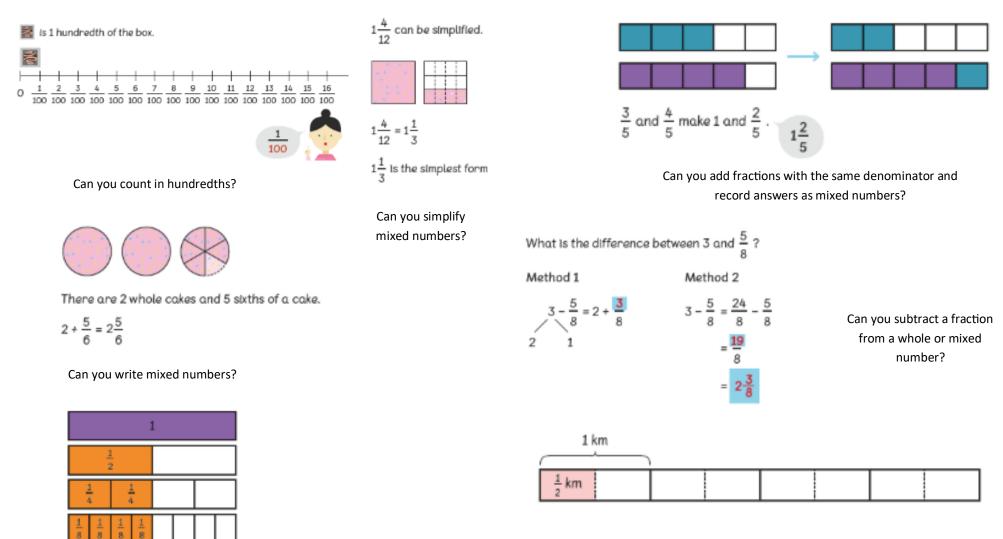


#### Year 4 Indigo Knowledge Organiser: Further Multiplication & Division

### Year 4 Indigo Knowledge Organiser: Graphs



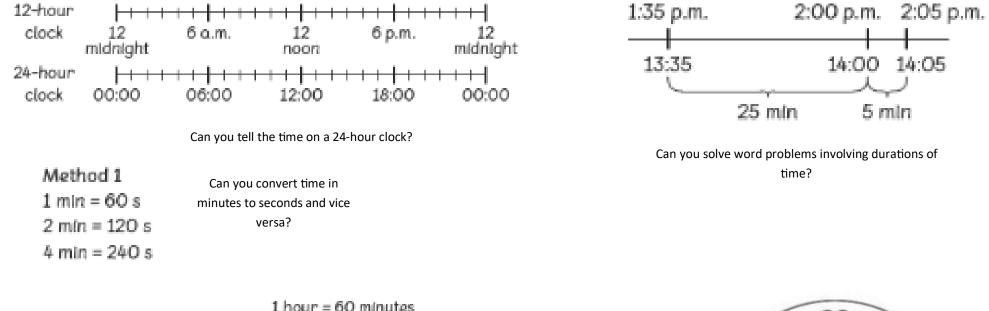
## Year 4 Indigo Knowledge Organiser: Fractions



Can you find equivalent fractions?

Can you solve word problems involving fractions?

#### Year 4 Indigo Knowledge Organiser: Time



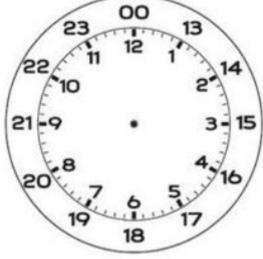
$$\frac{1}{2}$$
 hour = 30 minutes  
 $1\frac{1}{2}$  hours = 90 minutes

Can you convert years to

months and weeks to

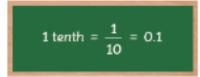
days?

Can you convert time in hours to minutes?



1 year = 12 months Car 10 years = 120 months n 5 years = 60 months 15 years = 120 months + 60 months = 180 months

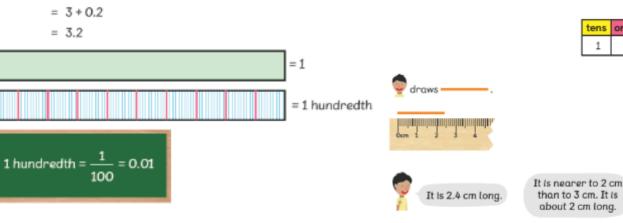
### Year 4 Indigo Knowledge Organiser: Decimals



Can you recognise and write decimal equivalents of a number of tenths?

	01
ones	tenths

3 ones + 2 tenths



Can you recognise and write decimal equivalents of any number of hundredths?

tenths hundredths tens ones 3 0 8 1

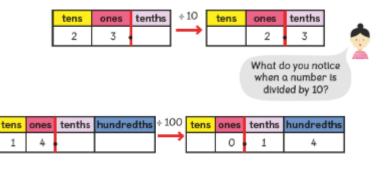
Can you read and write numbers as decimals?



Can you compare and order numbers with the same decimal places up to 2 decimal places?

2 100 10 100 × 25 × 5 × 25  $\frac{3}{4} = \frac{75}{100}$ = <u>25</u> 100  $=\frac{5}{10}$ 1 = 0.75 = 0.25 = 0.5

Can you recognise decimal equivalents to 1/4, 1/2 and 3/4?



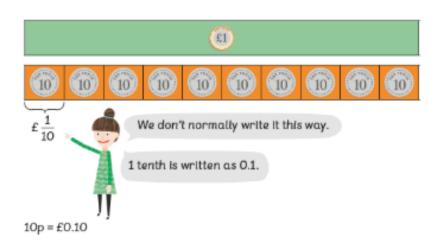
Can you divide 1 or 2 digit numbers by 10 and 100?

Can you round numbers with 1 decimal place to the nearest whole number?

2.4 is approximately equal to 2.

2.4 # 2

### Year 4 Indigo Knowledge Organiser: Money



Can you write amounts of money as decimals?



£3.20 is more than £2.30.

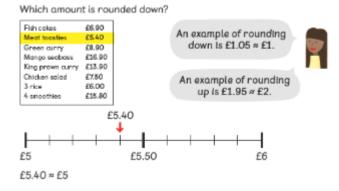
Can you compare amounts of money?



Can you round amounts of money to the nearest £1 or £10?

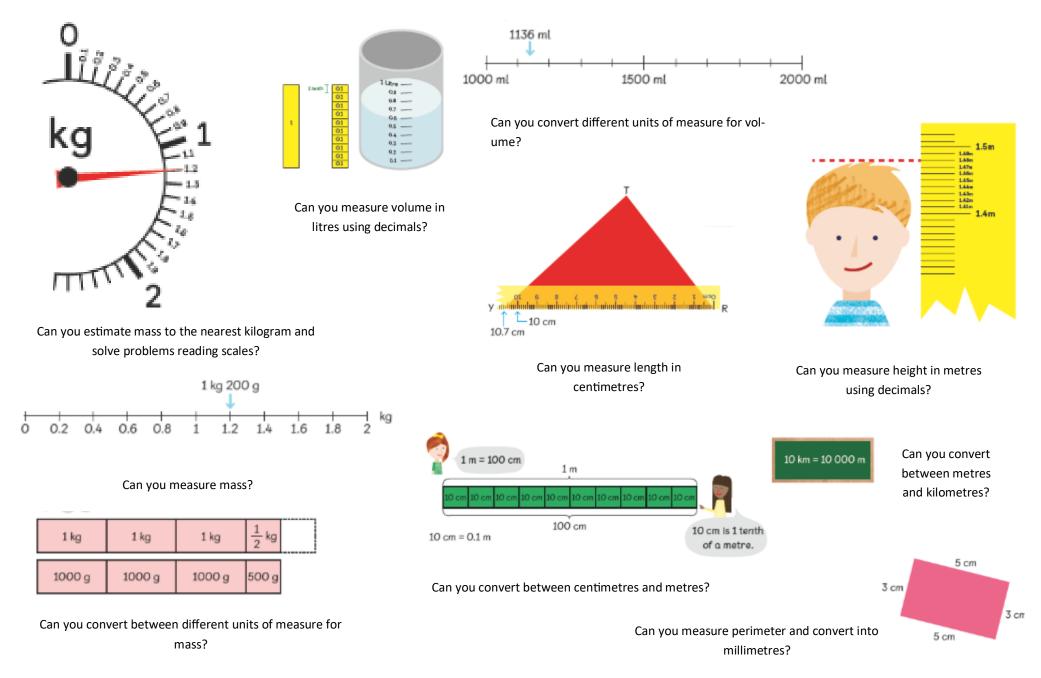


Can you solve word problems involving adding, subtracting,, multiplying and dividing money?

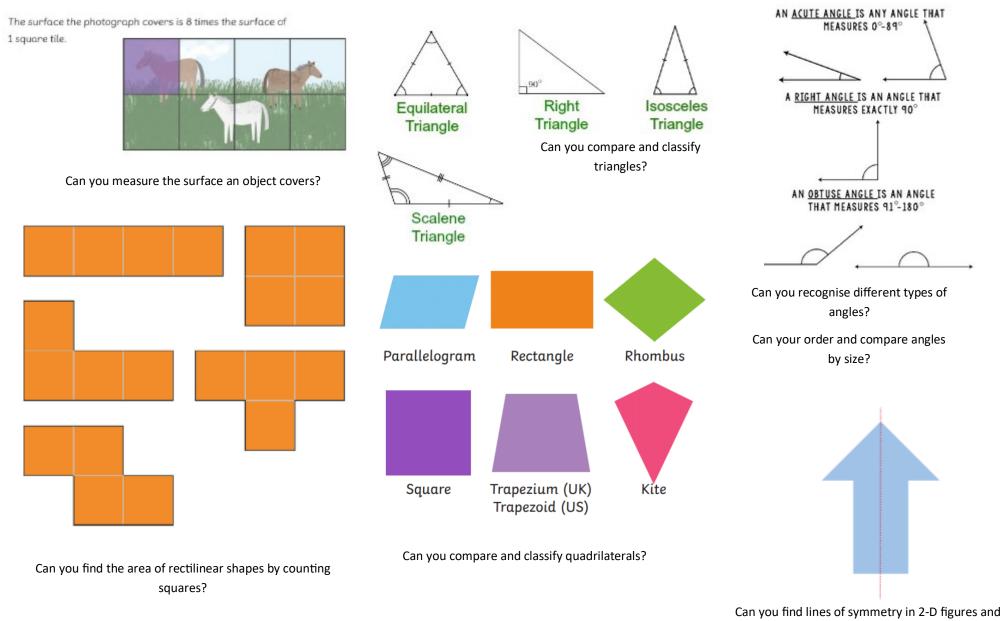


Can you estimate amounts of money?

# Year 4 Indigo Knowledge Organiser: Mass, Volume & Length

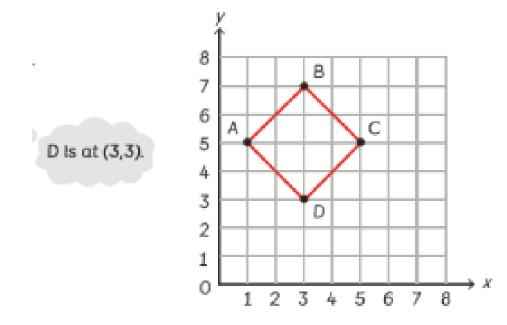


# Year 4 Indigo Knowledge Organiser: Area of Figures & Geometry



shapes and complete symmetrical figures?

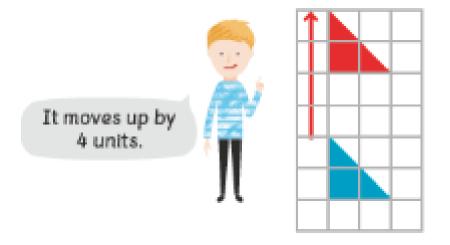
## Year 4 Indigo Knowledge Organiser: Position & Movement



Can you recognise positions in the first quadrant as co-ordinates?

Can you plot points in the first quadrant?

Can you complete polygons by plotting points?



Can you describe movements between positions as translations using movements to the left/right and up/down?

### Year 4 Indigo Knowledge Organiser: Roman Numerals

Can you write roman numerals to 100?

