

# Unit 12

## Problem solving and efficient methods



In this unit we will ...

- ⚡ Compare ways of calculating
- ⚡ Use mental addition and subtraction
- ⚡ Look for the most efficient way to solve a problem
- ⚡ Use number facts to solve problems
- ⚡ Solve word problems using all four operations

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
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

We will use a 100 square to help us. What is 22 more than 46?



We will need some maths words. Have you heard any of these before?

number facts

calculate mentally

bar model

partition

number line

part-whole model

100 square

We can use a bar model to help us add, subtract, multiply and divide. Can you use this bar model to calculate  $17 + \square = 40$ ?

40	
17	?



# Unit 13



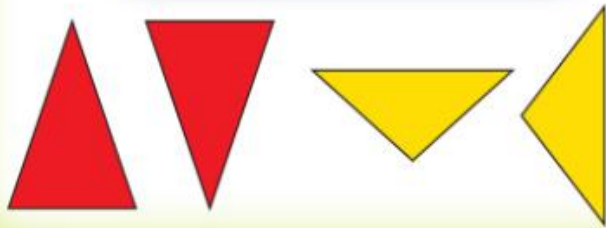
## Position and direction



In this unit we will ...

- ⚡ Describe movement
- ⚡ Describe turns
- ⚡ Make patterns by turning shapes

We will use shapes to make patterns. Can you say which shape has made a half turn?



We will need some maths words. Which of these are new?

clockwise    anticlockwise    forwards

backwards    left    right    middle

turn    half turn    quarter turn

three-quarter turn

Do you think this is a clockwise or an anticlockwise turn?



# Unit 14



## Statistics



In this unit we will ...

- ⚡ Make tally charts
- ⚡ Use tables
- ⚡ Use block diagrams
- ⚡ Make and interpret pictograms

We will need to use tally charts.  
How many of each animal is there?



Here are some new maths words.  
Can you read them out loud?

tally chart



pictogram

key

table

block diagram

We will also use pictograms.  
Who picked the most apples?

Name	Number
Tariq 	
Amy 