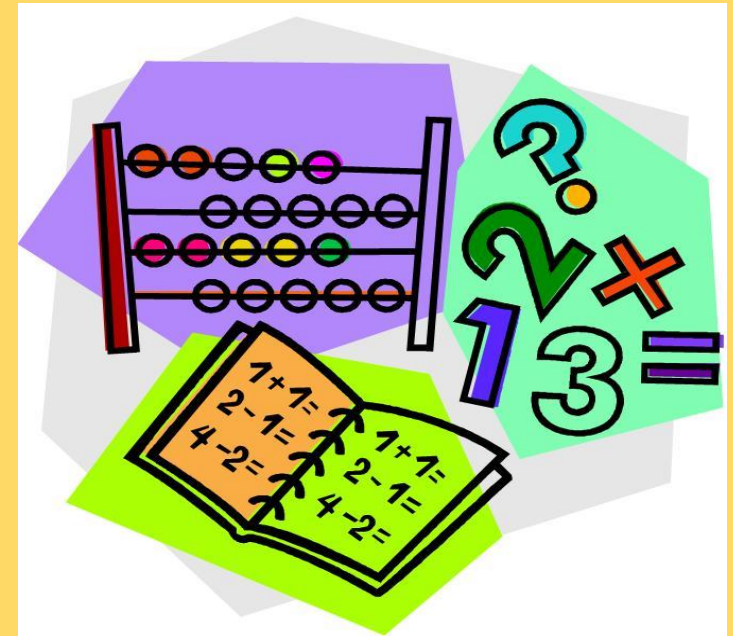
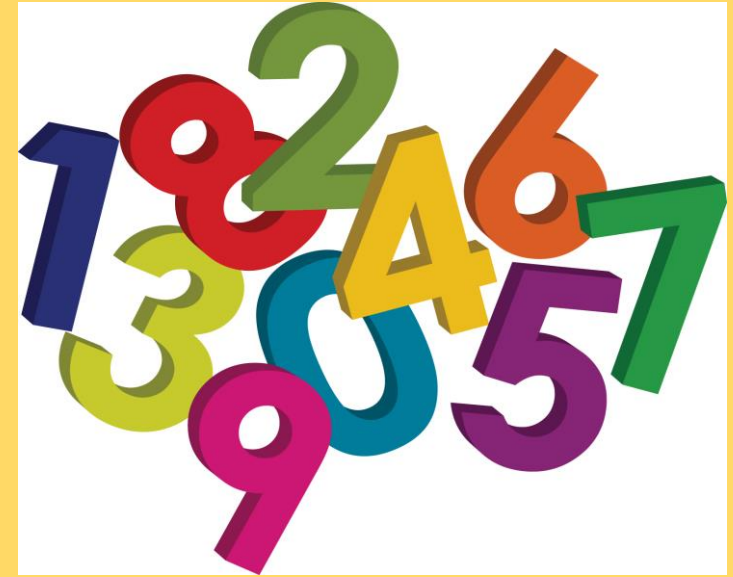
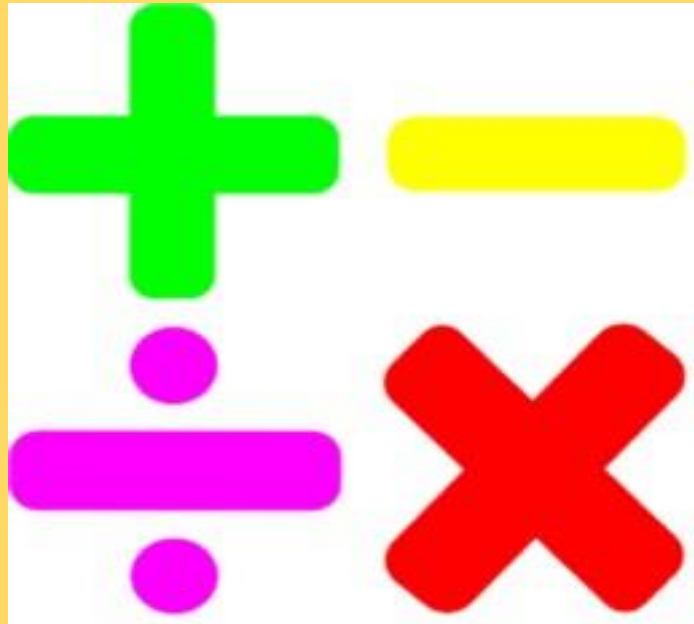




Year 1 Maths



Read and write numbers from 1 to 20 in digits and words

- Count forwards and backwards from 0 to 20 on the number line
- Start at different numbers and count forwards and backwards
- Find 3, 17, 19, 4 ... on the number line
- Can you write any number from 0 to 20?



Read and write numbers from 1 to 20 in digits and words

My Number Word Mat - 0 to 20

0

zero

1

one

2

two

3

three

4

four

5

five

6

six

7

seven

8

eight

9

nine

10

ten

11

eleven

12

twelve

13

thirteen

14

fourteen

15

fifteen

16

sixteen

17

seventeen

18

eighteen

19

nineteen

20

twenty

count

counting

numbers



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Count to 100, forwards and backwards

- Count forwards and backwards to and from 100 using the 100 square
- Count forwards and backwards starting at different numbers
- Start at 0 and count in 2s. What do you notice about the numbers you say? What happens if you start at 1 and count in 2s?
- Start at 0 and count in 5s. What do you notice about the multiples of 5? Can you write them down?
- Start at 0 and count in 10s. What do you notice

100 Square

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

Count, read and write numbers to 100

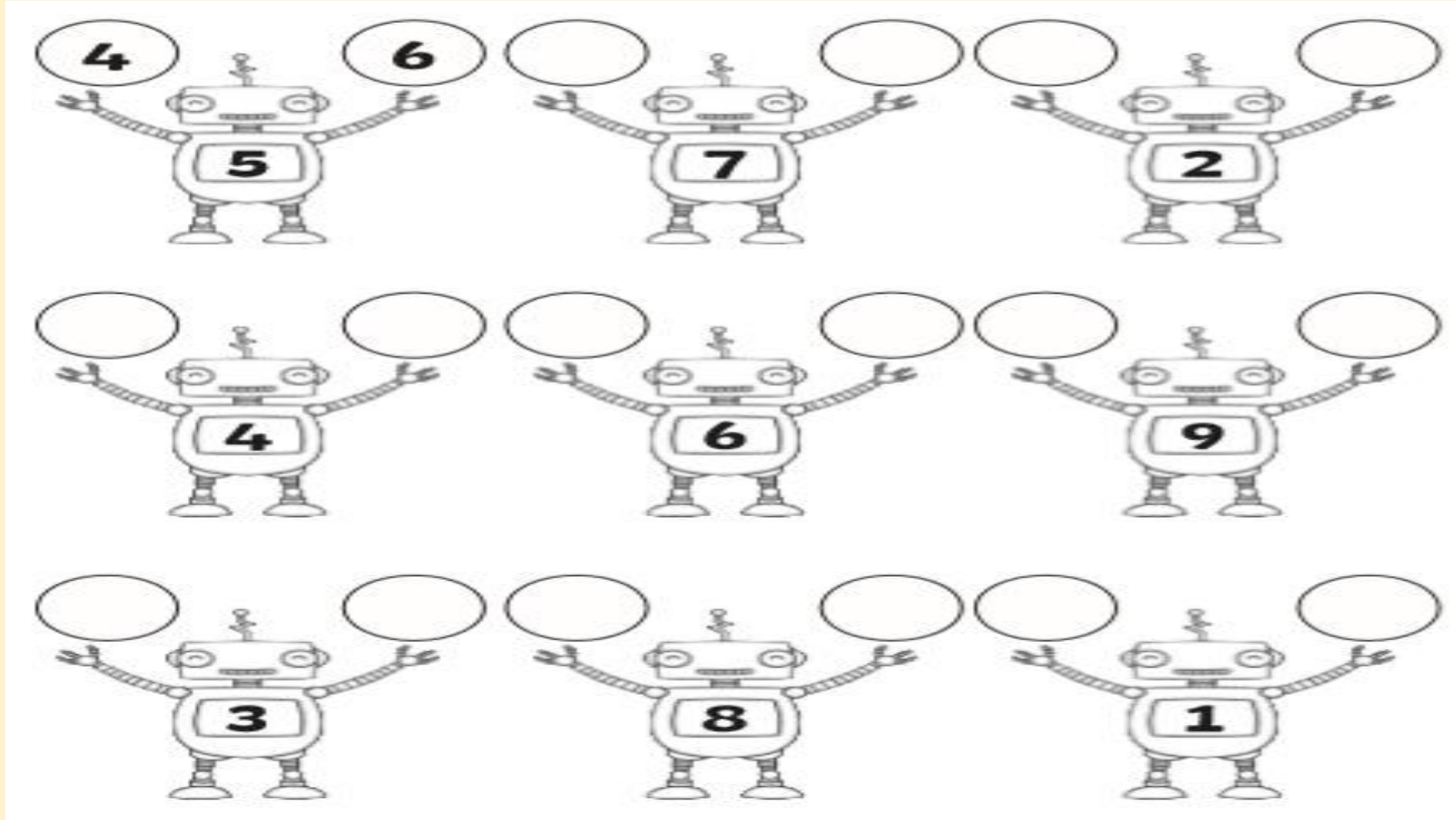
- Find 3, 17, 19, 4 ... on the 100 square
- Can you write any number from 0 to 100? Can you make your own 100 square?
- Count out/Draw 12, 25, 45, 52... objects such as buttons counters shells etc

100 Square

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

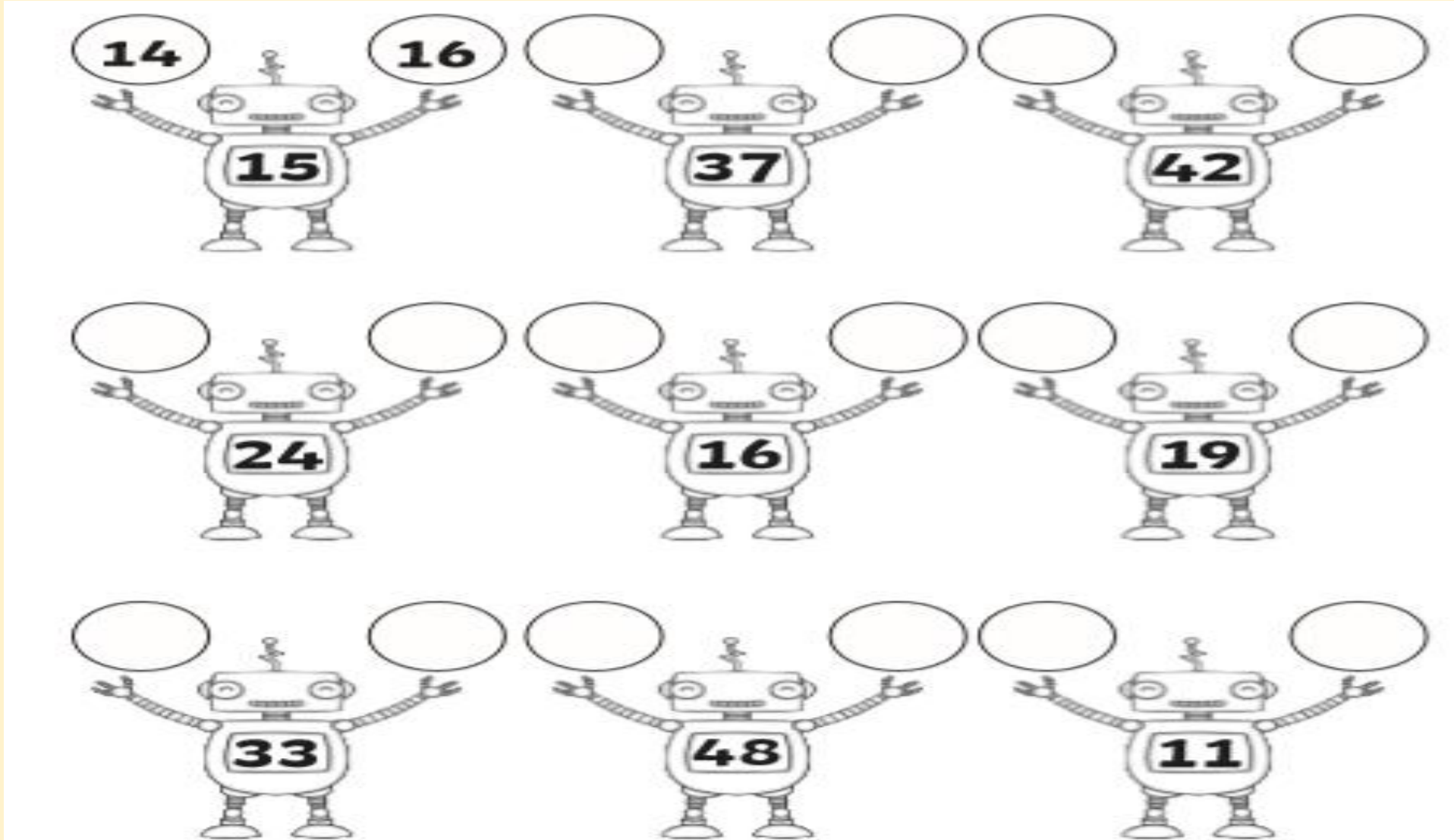
Find one more or one less than a number

Can you find 1 less and 1 more than the number shown?



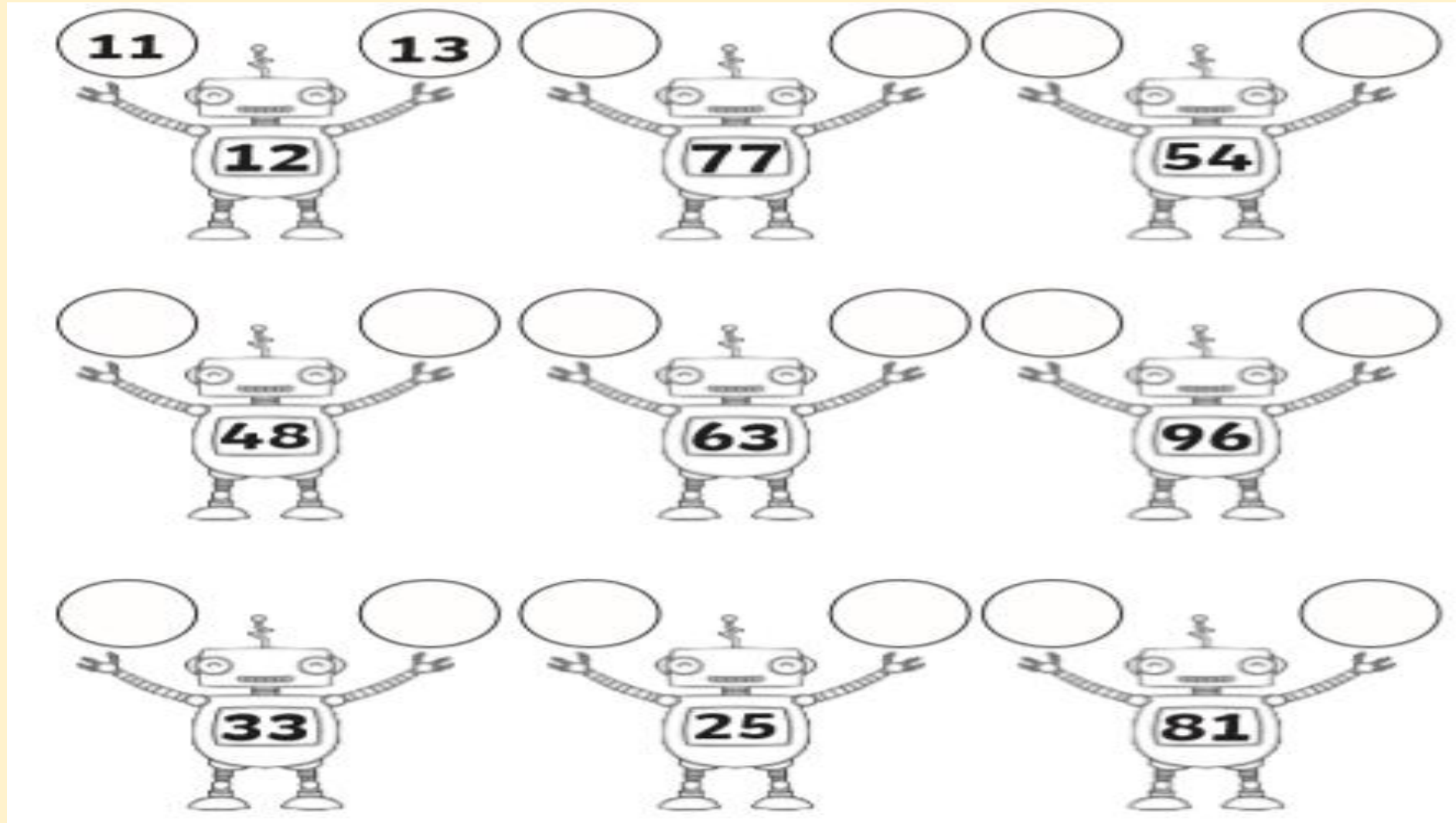
Find one more or one less than a number

Can you find 1 less and 1 more than the number shown?



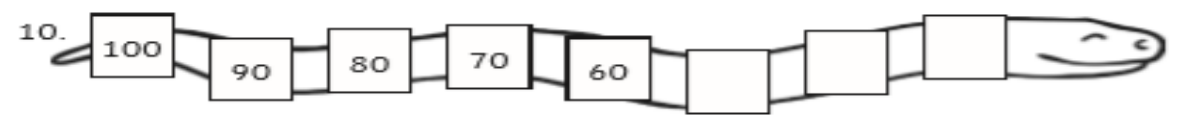
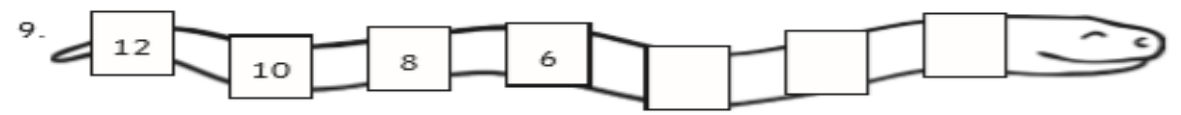
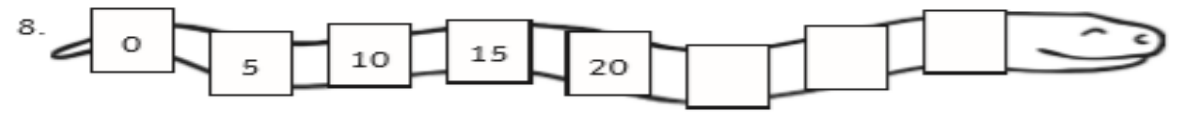
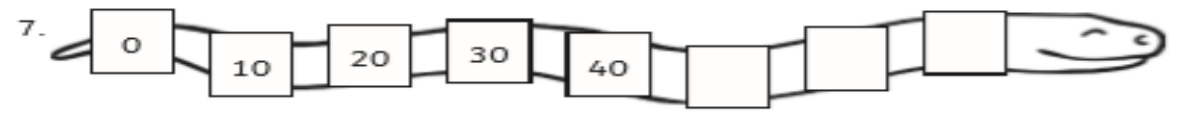
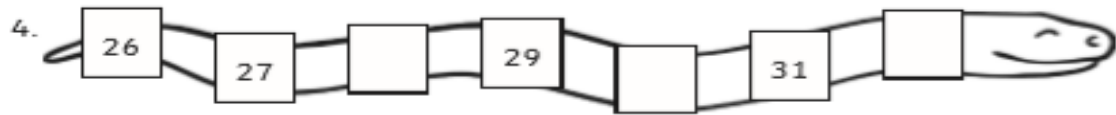
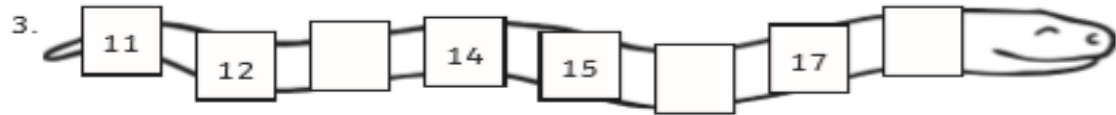
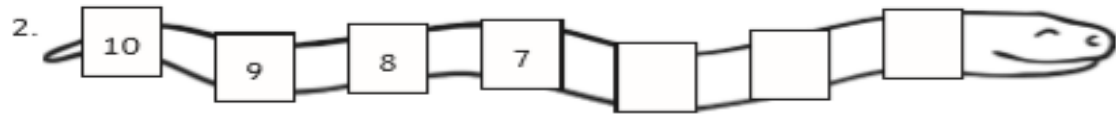
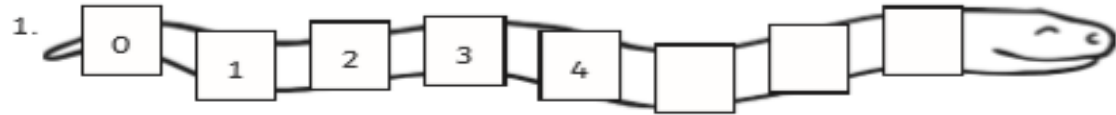
Find one more or one less than a number

Can you find 1 less and 1 more than the number shown?



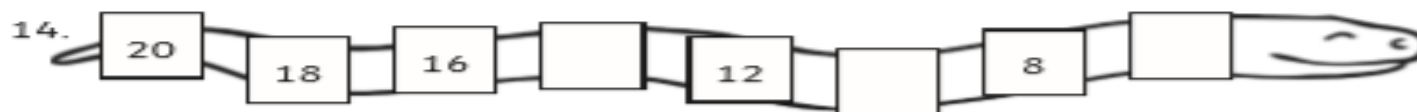
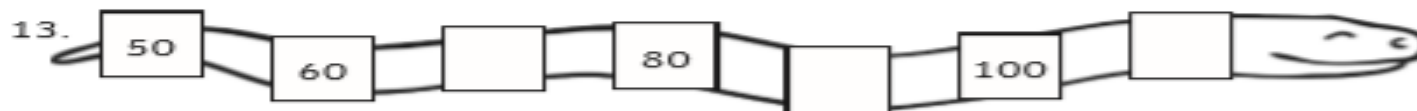
Complete simple number patterns

Can you work out the missing numbers from the snake number



Complete simple number patterns

Can you work out the missing numbers from the snake number

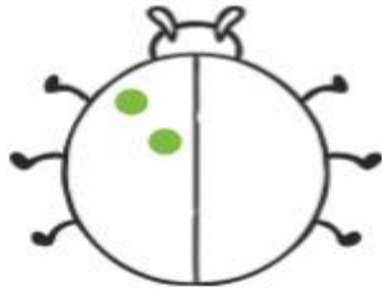


Double single digit numbers

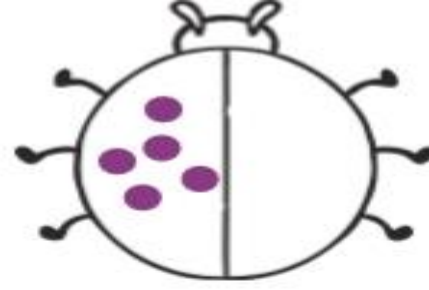
You can use the ladybird spots or counters to help you with yo



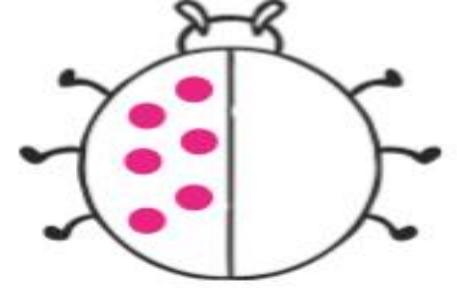
Double 1 is _____



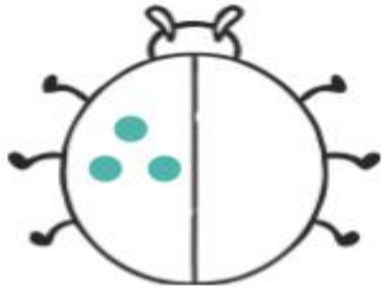
Double 2 is _____



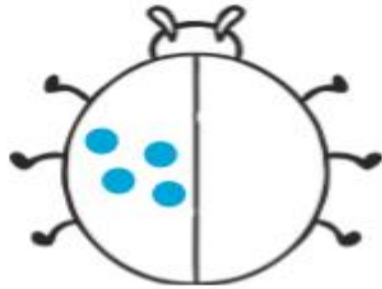
Double 5 is _____



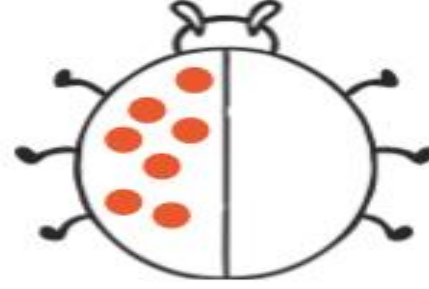
Double 6 is _____



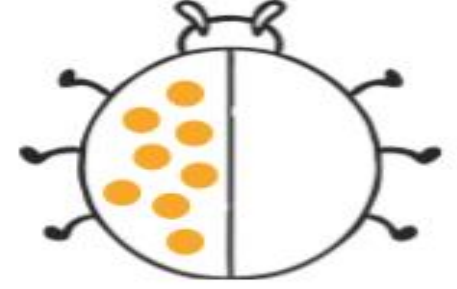
Double 3 is _____



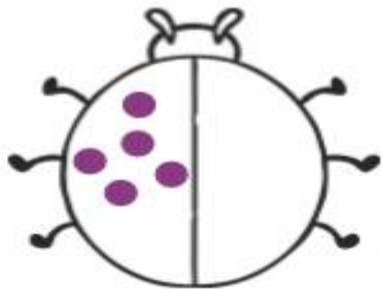
Double 4 is _____



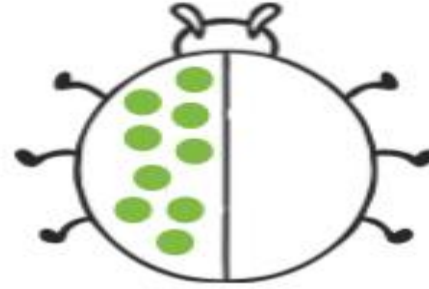
Double 7 is _____



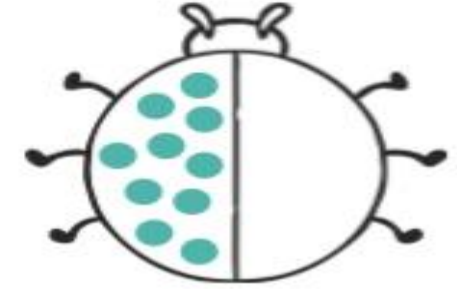
Double 8 is _____



Double 5 is _____



Double 9 is _____



Double 10 is _____

Double Challenge

Doubling Challenge Cards

Match the number to its double like this: 3 → 6

12 4 42 24

21 16 8

24 48 32

Doubling Challenge Cards

Match the number to its double like this: 3 → 6

2 46 36

9 14 4

18 23 28 18

Doubling Challenge Cards

Match the number to its double like this: 4 → 8

3 50 16

11 8

17 6 22

25 34

Doubling Challenge Cards

Match the number to its double like this: 4 → 8

1 44 56

6 15 2

22 28 12 30

Double Challenge

Doubling Challenge Cards

Match the number to its double like this: 3 → 6



Doubling Challenge Cards

Match the number to its double like this: 3 → 6



Doubling Challenge Cards

Match the number to its double like this: 4 → 8

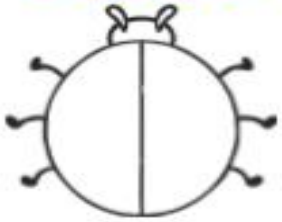


Doubling Challenge Cards

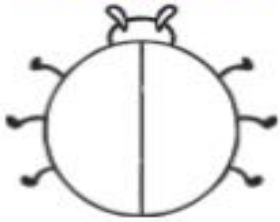
Match the number to its double like this: 4 → 8



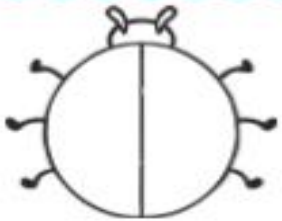
Find and name a half of a quantity



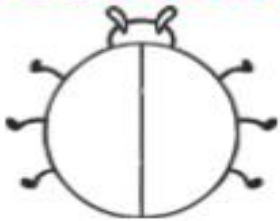
Half of 10 is _____



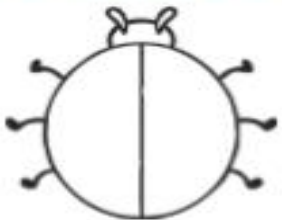
Half of 12 is _____



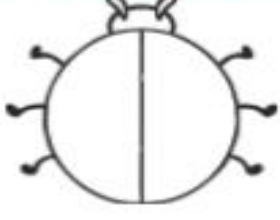
Half of 14 is _____



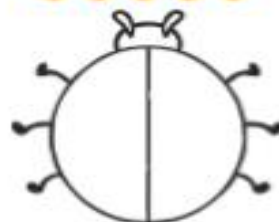
Half of 16 is _____



Half of 18 is _____



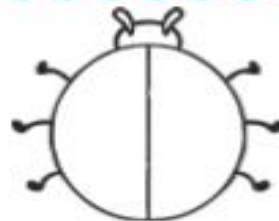
Half of 20 is _____



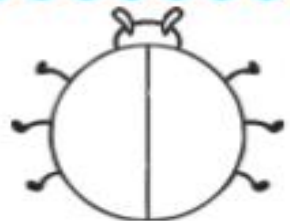
Half is _____



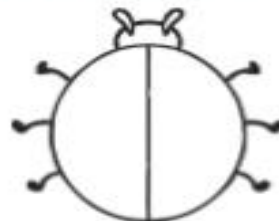
Half is _____



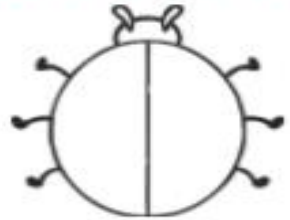
Half is _____



Half is _____



Half is _____



Half is _____

Halving Challenge

Halving Challenge Cards

Match the number to its half like this:

$$8 \rightarrow 4$$

6 12 14 9
28 18 3
24 12 6

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Halving Challenge Cards

Match the number to its half like this:

$$6 \rightarrow 3$$

4 2 7
22 14
32 16
36 11 18

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Halving Challenge Cards

Match the number to its half like this:

$$8 \rightarrow 4$$

2 13 1
16 10
26 30 15
3 8 5

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Halving Challenge Cards

Match the number to its half like this:

$$6 \rightarrow 3$$

8 17 10
20 30
34 15
38 19 4

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Halving Challenge

Halving Challenge Cards

Match the number to its half like this:

$$10 \rightarrow 5$$



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Halving Challenge Cards

Match the number to its half like this:

$$10 \rightarrow 5$$



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Halving Challenge Cards

Match the number to its half like this:

$$4 \rightarrow 2$$

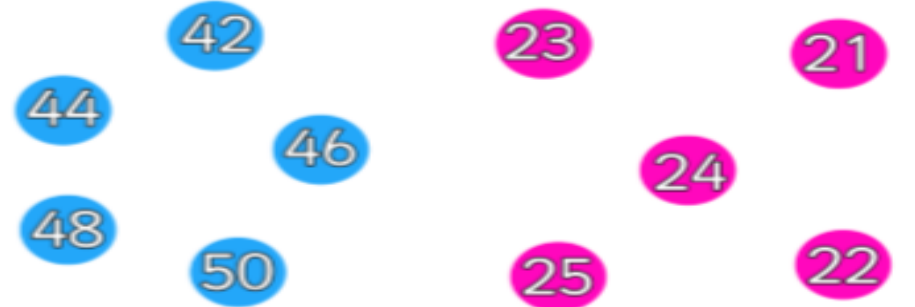


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Halving Challenge Cards

Match the number to its half like this:

$$4 \rightarrow 2$$



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Find and name a quarter of a quantity

Find a quarter of these amounts. Use counters or buttons to help, or draw circles around the pictures to find the answer. The first one has been done for you.

Quarter of is $\frac{1}{4}$ of =

sweets



Quarter of is

kites



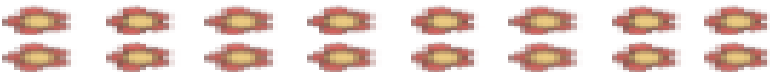
Quarter of is

cats



Quarter of is

flowers



Quarter of is

trees



Quarter of is

stars

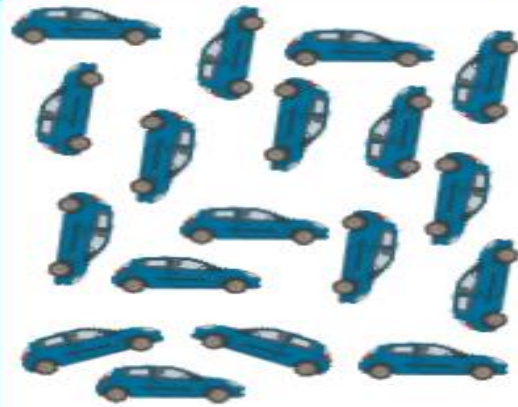


Find a half or a quarter

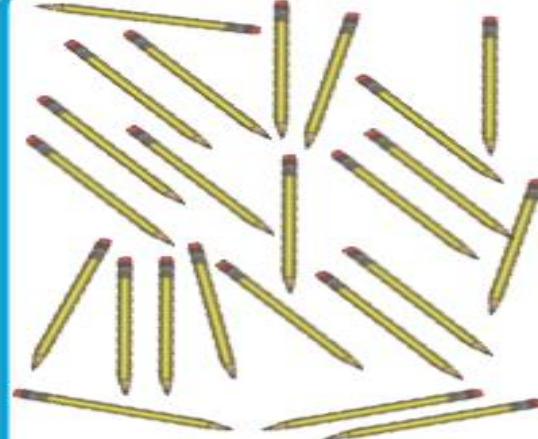
Using practical objects such as sweets or toys, find a half or a quarter of the group. Do this with different amounts of objects.



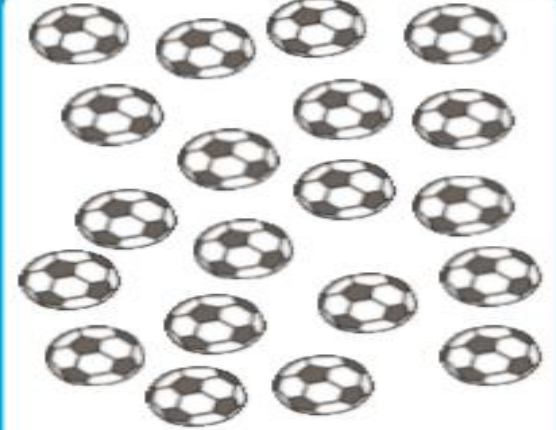
Circle $\frac{1}{2}$ of the cats.



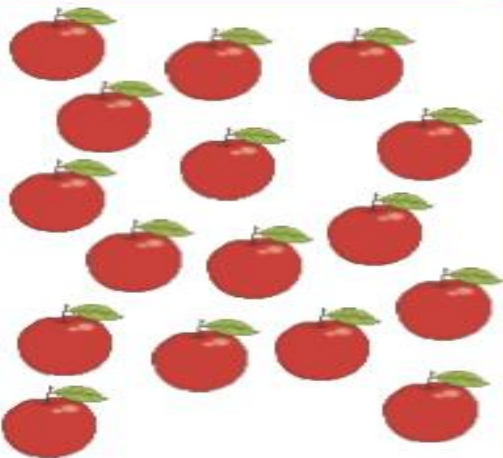
Circle $\frac{1}{2}$ of the cars.



Circle $\frac{1}{2}$ of the pencils.



Circle $\frac{1}{2}$ of the footballs.



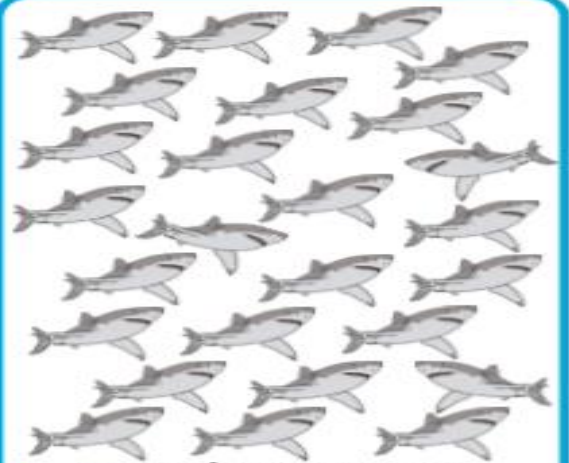
Circle $\frac{1}{2}$ of the apples.



Circle $\frac{1}{2}$ of the toothbrushes.



Circle $\frac{1}{2}$ of the dogs.



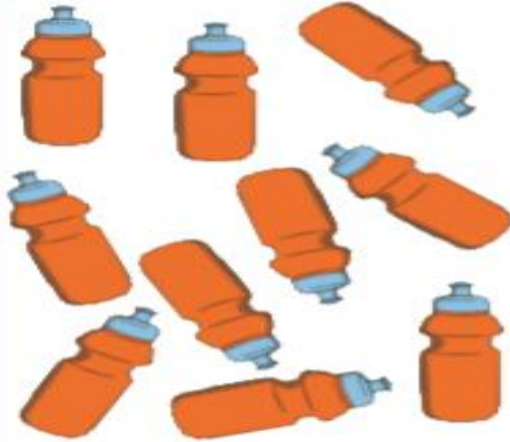
Circle $\frac{1}{2}$ of the sharks.

Find a half or a quarter

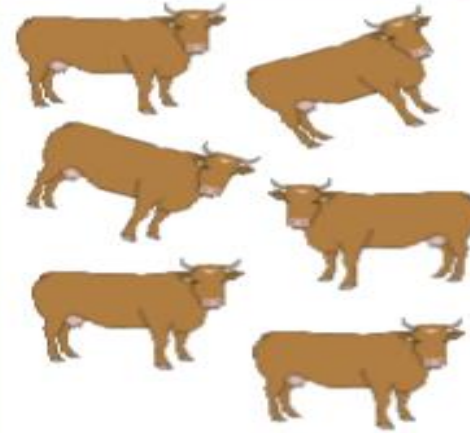
Using practical objects, such as sweets or toys, find a half or a quarter of the group. Do this with different amounts of objects.



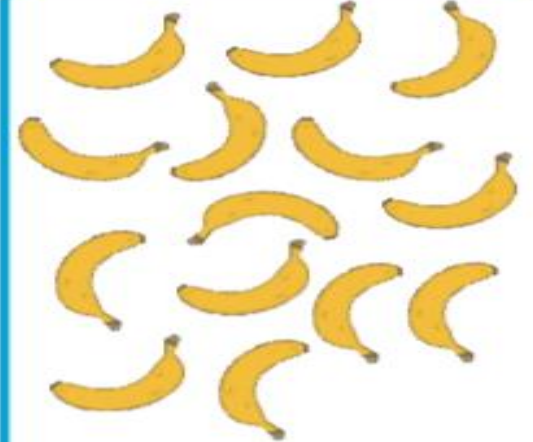
Circle $\frac{1}{2}$ of the glasses.



Circle $\frac{1}{2}$ of the bottles.



Circle $\frac{1}{2}$ of the cows.



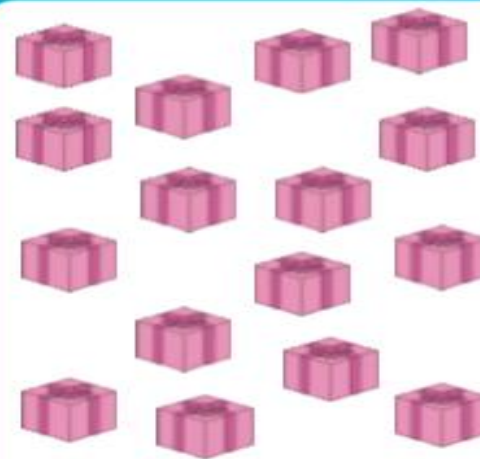
Circle $\frac{1}{2}$ of the bananas.



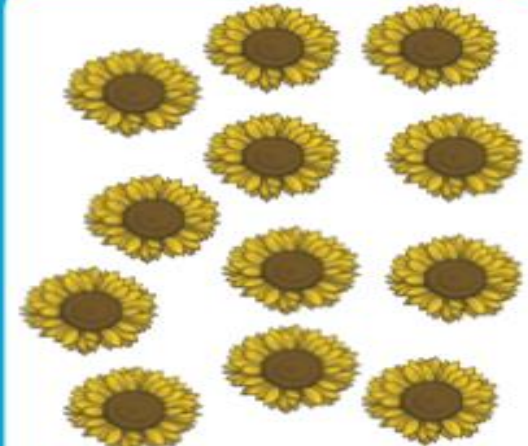
Circle $\frac{1}{2}$ of the ladybirds.



Circle $\frac{1}{2}$ of the shoes.



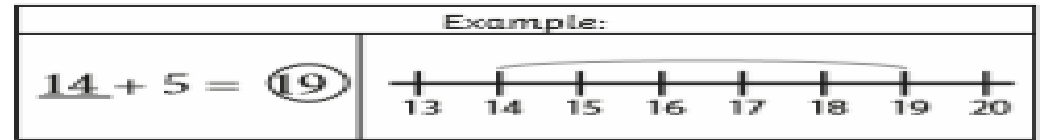
Circle $\frac{1}{2}$ of the presents.



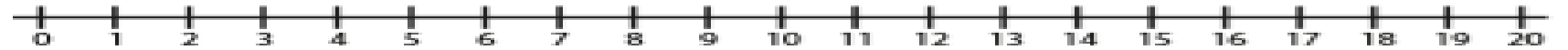
Circle $\frac{1}{2}$ of the flowers.

Add numbers to 20

Addition to 20 with a number line



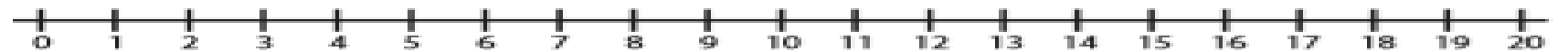
$10 + 7 =$



$10 + 5 =$



$11 + 2 =$



$6 + 8 =$



$9 + 9 =$



$8 + 10 =$



$5 + 12 =$



$17 + 3 =$



Use the number line or objects such as counters to help you answer the sums.

Add numbers to 20

ADDITION UP TO 20

$17+1=$



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ADDITION UP TO 20

$2+10=$



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ADDITION UP TO 20

$4+11=$



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ADDITION UP TO 20

$14+6=$



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ADDITION UP TO 20

$13+6=$



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ADDITION UP TO 20

$3+12=$



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ADDITION UP TO 20

$5+8=$



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ADDITION UP TO 20

$5+14=$



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ADDITION UP TO 20

$6+11=$



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ADDITION UP TO 20

$19+0=$



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ADDITION UP TO 20

$8+4=$



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ADDITION UP TO 20

$12+2=$



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ADDITION UP TO 20

$6+13=$



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ADDITION UP TO 20

$7+11=$



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ADDITION UP TO 20

$8+3=$



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ADDITION UP TO 20

$12+8=$



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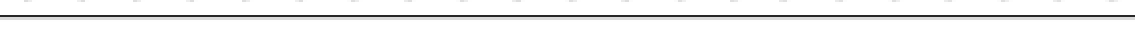
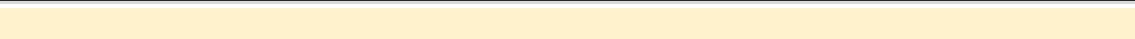
Subtract numbers to 20

Use the number line or objects such as counters to help you answer the sums.

$20 - 3 =$	 A horizontal number line with tick marks labeled from 0 to 20.
$9 - 4 =$	 A horizontal number line with tick marks labeled from 0 to 20.
$18 - 2 =$	 A horizontal number line with tick marks labeled from 0 to 20.
$10 - 6 =$	 A horizontal number line with tick marks labeled from 0 to 20.
$7 - 3 =$	 A horizontal number line with tick marks labeled from 0 to 20.
$2 - 2 =$	 A horizontal number line with tick marks labeled from 0 to 20.
$3 - 1 =$	 A horizontal number line with tick marks labeled from 0 to 20.
$11 - 8 =$	 A horizontal number line with tick marks labeled from 0 to 20.
$15 - 3 =$	 A horizontal number line with tick marks labeled from 0 to 20.
$6 - 1 =$	 A horizontal number line with tick marks labeled from 0 to 20.

Subtract numbers to 20

Use the number line or
objects such as counters to
help you answer the sums

$20 - 17 =$	
$12 - 4 =$	
$18 - 12 =$	
$10 - 3 =$	
$17 - 5 =$	
$12 - 2 =$	
$3 - 2 =$	
$20 - 8 =$	
$15 - 3 =$	
$19 - 11 =$	

Subtract numbers to 20

Subtraction from 20



$$11-1=$$

Subtraction from 20



$$15-4=$$

Subtraction from 20



$$14-3=$$

Subtraction from 20



$$20-5=$$

Subtraction from 20



$$12-4=$$

Subtraction from 20



$$16-9=$$

Subtraction from 20



$$19-19=$$

Subtraction from 20



$$18-11=$$

Subtraction from 20



$$18-8=$$

Subtraction from 20



$$19-3=$$

Subtraction from 20



$$9-2=$$

Subtraction from 20



$$17-13=$$

Subtraction from 20



$$10-9=$$

Subtraction from 20



$$20-2=$$

Subtraction from 20



$$20-18=$$

Subtraction from 20



$$19-14=$$

Pairs of numbers that make 10

Rainbow to 10

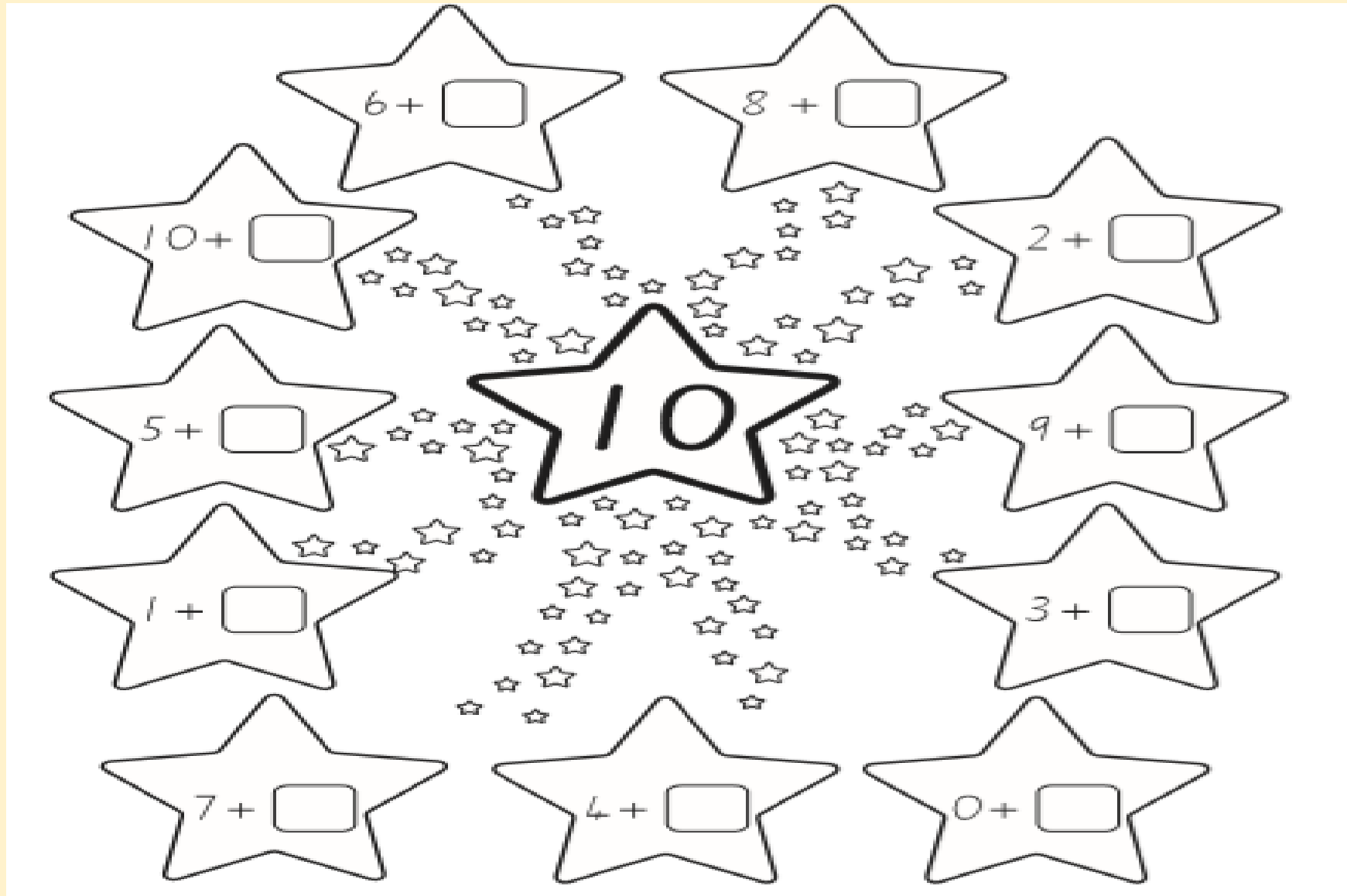


0 1 2 3 4 5 10 5 6 7 8 9 10

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

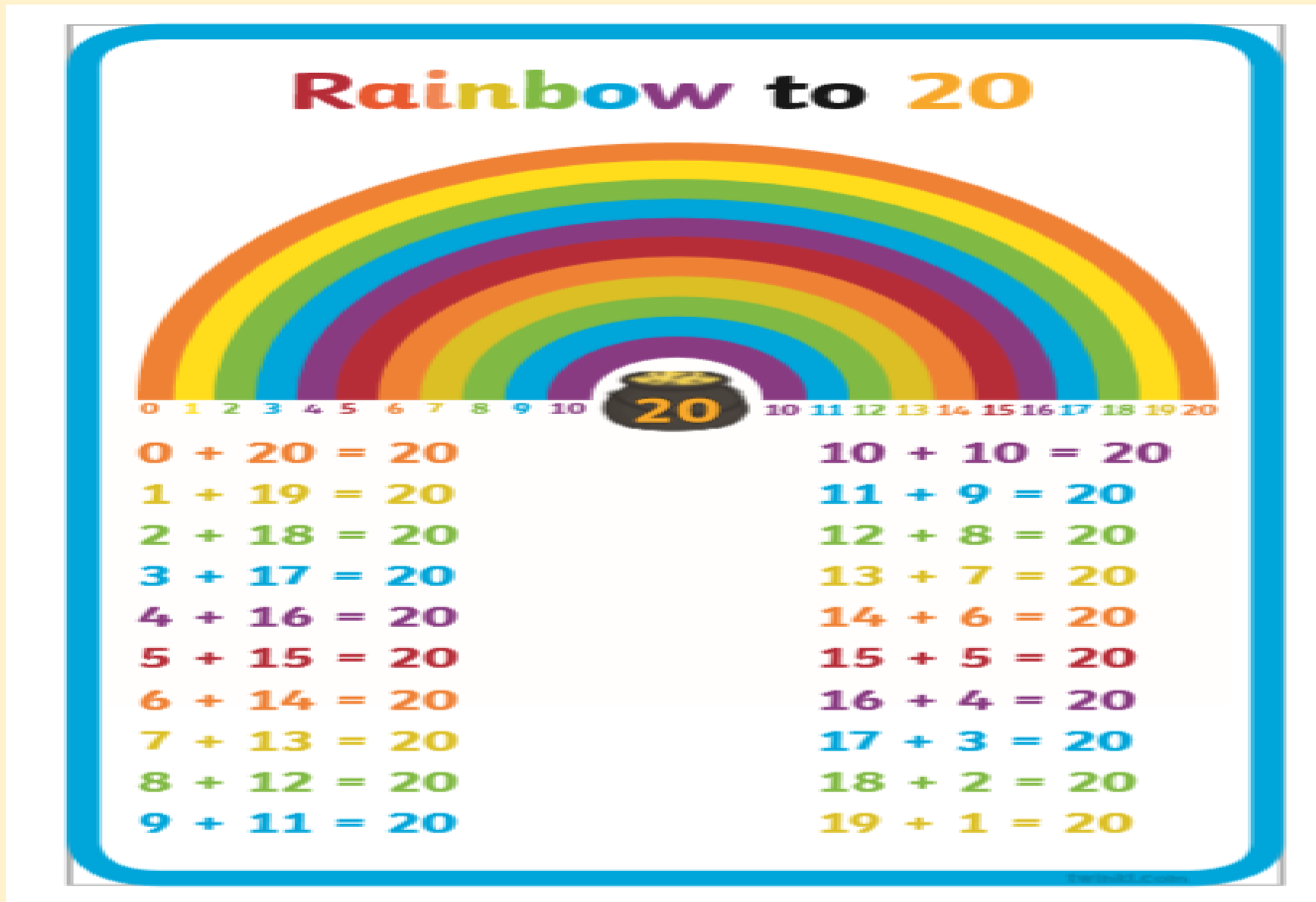
twinkl.com

Pairs of numbers that make 10

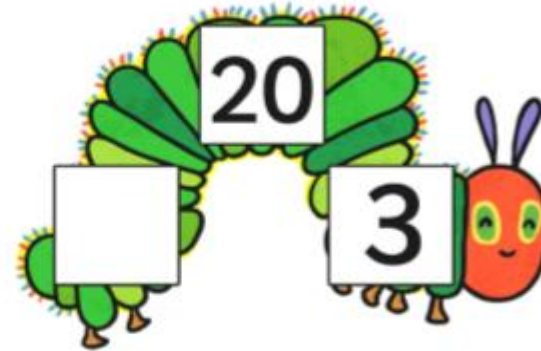
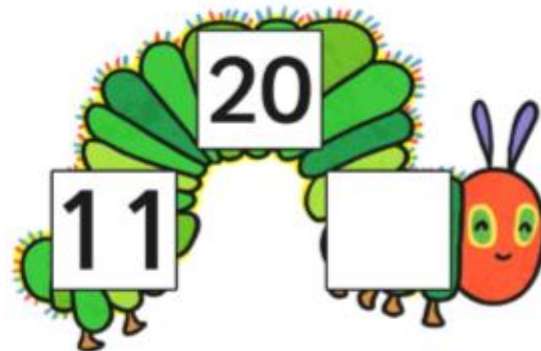
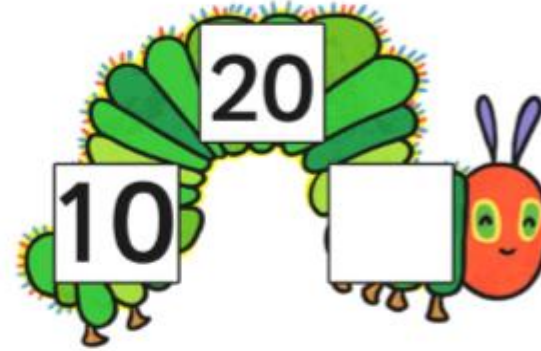
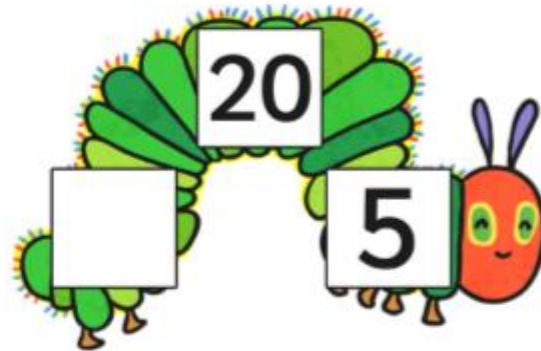
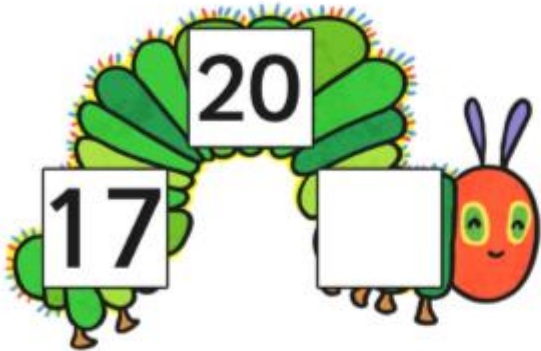
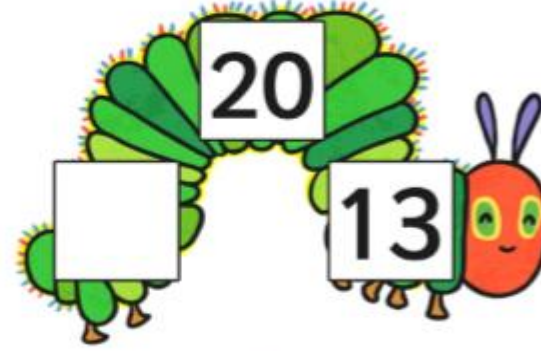
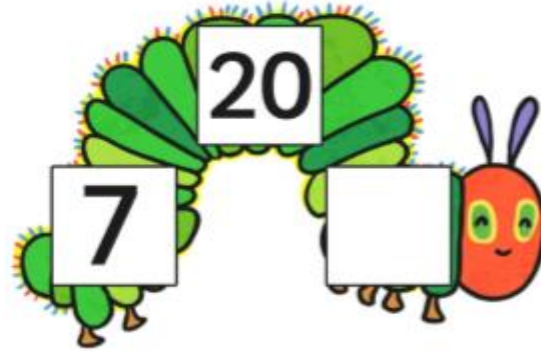
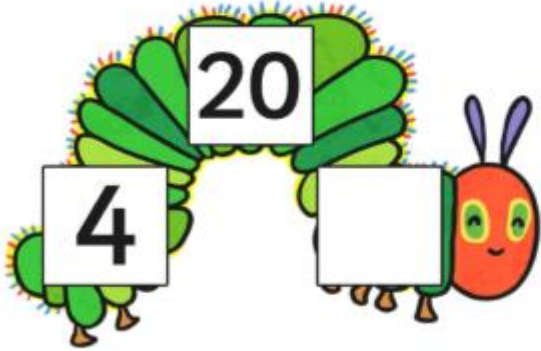


Write the
missing
number to
make each
star equal to
10.

Pairs of numbers that make 20



Pairs of numbers that make 20



Write the missing number to make each hungry caterpillar equal to 20.

Solving Addition Problems

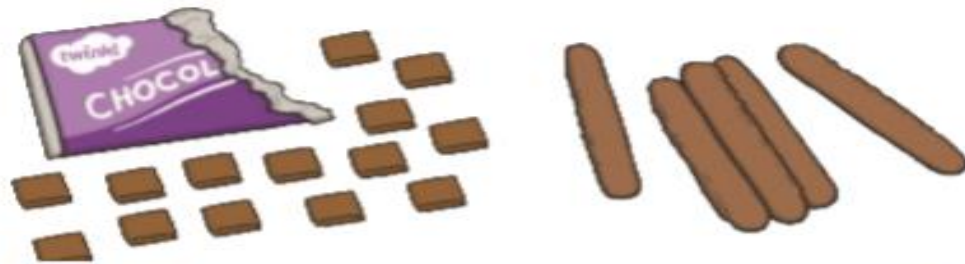
If you had 10 glass bottles and 3 plastic bottles, how many bottles are there altogether?



If you had 5 milkshakes and 2 fizzy drinks, how many drinks do you have in total?



If you had 14 squares of chocolate and 5 chocolate fingers, how many do you have in total?



If you have 5 blackbirds and 9 robins in your garden, how many are there?



Solving Addition Problems

If you had 5 cherry cakes and 5 plain cakes, how many would you have altogether?



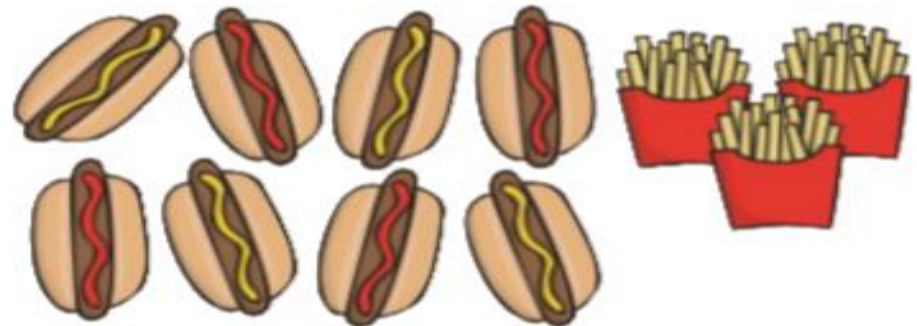
If you had 5 books and 6 magazines, how many do you have?



If you had 12 jelly beans and 4 lollipops, how many would you have in total?



If you had 8 hotdogs and 3 portions of chips, how many would you have altogether?

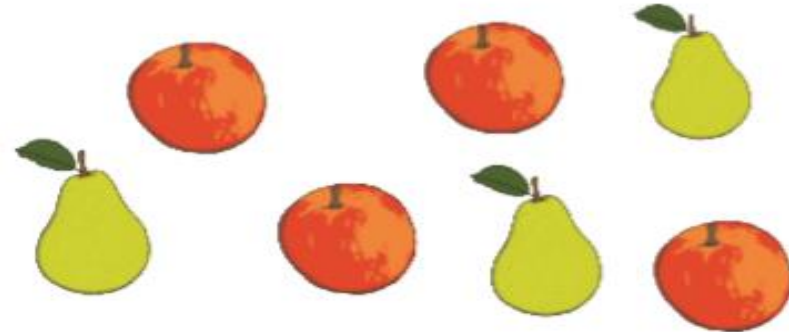


Solving Addition Problems

If you had 3 marbles and 2 dice, how many do you have in total?



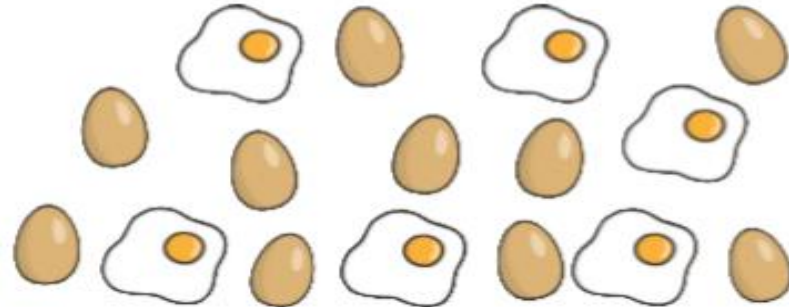
If you had 4 apples and 3 pears, how many do you have?



If you had 8 milk cartons and 9 juice cartons, how many would you have altogether?



If you have 10 boiled eggs and 6 fried eggs, how many would you have in total?



Solving Subtraction Problems

If you had 10 glass bottles and 3 of them smashed, how many of them would you have left?



If you had 5 ice cubes and 2 of them melted, how many would you have left?



If you had 20 squares of chocolate and you ate 15 of them, how many would you have left?

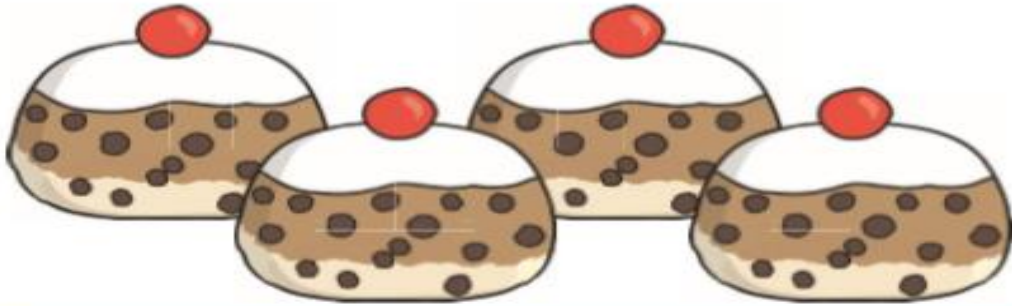


If you had 5 birds in your garden and 1 of them flew away, how many birds would you have left?

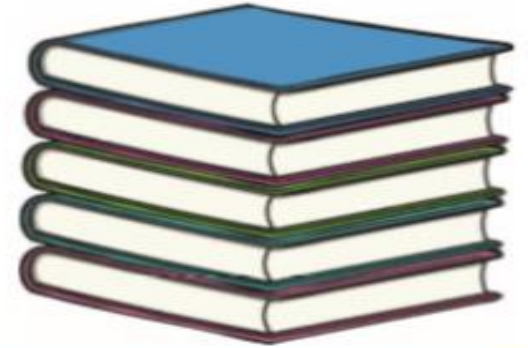


Solving Subtraction Problems

If you had 10 currant buns and 8 of them have been eaten, how many of them would you have left?



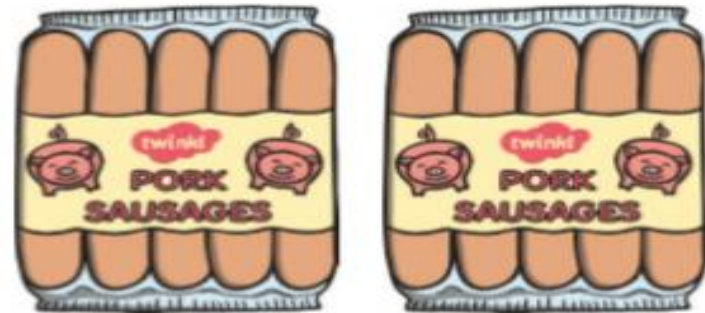
If you had 5 books and you have read 3 of them, how many would you have left?



If you had 20 jelly beans and you have eaten 6 of them, how many would you have left?



If you had 10 sausages in a pack and you have cooked 4 of them, how many sausages would you have left in the packet?



Solving Subtraction Problems

If you had 10 marbles and 2 of them have rolled away, how many of them would you have left?



If you had 20 plums and you use 13 to make jam, how many would you have left?



If you had 20 milk cartons and drink 2 of them, how many would you have left?



If you had 5 fish fingers in a box and you cooked 4 of them, how many fish fingers would you have left in the box?



