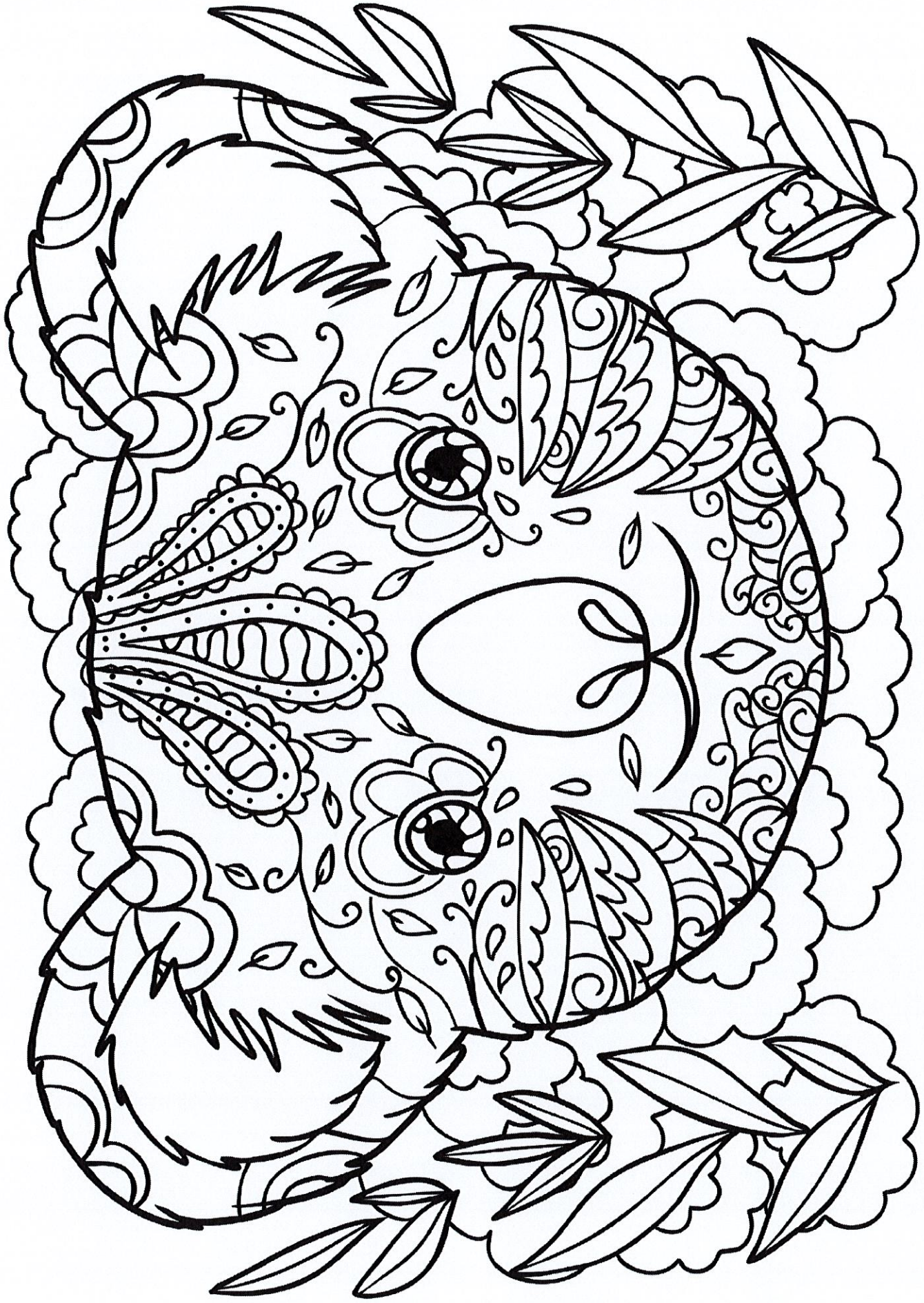
A decorative border surrounds the page, featuring stylized sloths in various poses (clinging to branches, hanging upside down) and tropical leaves. The sloths are rendered in a simple, cartoonish style with large eyes and a small smile. The leaves are of various shapes and sizes, some with detailed vein patterns. The background of the border is a light, textured grey.

Busy Book 2







Hundreds Board

Mystery Picture No. _____

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

Hundreds Board

Mystery Picture No. _____

Mystery Picture 1

Green:

(90 - 25), (77 - 11), (91 - 18), (80 - 6), (100 - 25), (95 - 19), (99 - 22), (79 - 1),
(97 - 13), (100 - 15), (95 - 9), (95 - 8), (99 - 4), (98 - 2)

Yellow:

(50 - 25), (30 - 4), (45 - 10), (46 - 10)

Pink:

(10 - 6), (16 - 11), (22 - 16), (14 - 7), (30 - 17), (15 - 1), (85 - 70), (24 - 8), (25 - 8),
(30 - 12), (42 - 20), (52 - 29), (90 - 66), (40 - 13), (50 - 22), (60 - 31), (64 - 32),
(70 - 37), (34 - 0), (40 - 3), (50 - 12), (60 - 21), (45 - 2), (55 - 11), (90 - 45),
(55 - 9), (94 - 47), (61 - 13), (81 - 27), (95 - 40), (100 - 44), (72 - 15)

Mystery Picture 2

Purple:

(90 - 25), (77 - 11), (100 - 25), (70 - 6)

Orange:

(70 - 37), (34 - 0), (45 - 10), (46 - 10), (40 - 3), (50 - 12), (70 - 28), (45 - 2), (61 - 13), (59 - 10), (79 - 27), (81 - 22),
(71 - 9), (81 - 12), (100 - 28), (82 - 3), (91 - 9), (92 - 3)

Blue:

(7 - 6), (12 - 10), (6 - 3), (10 - 6), (16 - 11), (22 - 16), (14 - 7), (11 - 3), (21 - 12), (100 - 90), (15 - 4), (20 - 8), (88 - 69),
(55 - 35), (60 - 39), (80 - 50), (100 - 15), (95 - 9), (97 - 6), (96 - 4), (100 - 7), (94 - 0), (99 - 4), (98 - 2), (100 - 3),
(100 - 2), (99 - 0), (100 - 0)

Green:

(95 - 40), (100 - 44), (100 - 36), (67 - 0), (80 - 6), (99 - 22), (97 - 13), (95 - 8)

Red:

(30 - 17), (15 - 1), (85 - 70), (24 - 8), (25 - 8), (30 - 12), (42 - 20), (52 - 29), (90 - 66), (50 - 25), (30 - 4), (40 - 13),
(50 - 22), (60 - 31), (51 - 20), (64 - 32), (60 - 21), (80 - 40), (50 - 9), (100 - 50), (89 - 38), (91 - 31), (88 - 27), (99 - 29),
(80 - 9), (80 - 0), (100 - 19), (100 - 10)

Yellow:

(55 - 11), (90 - 45), (55 - 9), (94 - 47), (61 - 8), (81 - 27), (72 - 15), (63 - 5), (84 - 21), (71 - 3), (91 - 18), (79 - 1), (88 - 5),
(92 - 4)

Mystery Picture 3

Black:

(30 - 4), (40 - 13), (46 - 10), (40 - 3), (81 - 27), (95 - 40), (63 - 5), (81 - 22), (100 - 36), (90 - 25), (71 - 3), (81 - 12), (88 - 5), (92 - 3)

Green:

(100 - 19), (91 - 9), (97 - 13), (100 - 15), (95 - 9), (95 - 8), (92 - 4), (100 - 10), (97 - 6), (96 - 4), (100 - 7), (94 - 0), (99 - 4), (98 - 2), (100 - 3), (100 - 2), (99 - 0), (100 - 0)

Blue:

(7 - 6), (12 - 10), (6 - 3), (10 - 6), (16 - 11), (22 - 16), (14 - 7), (11 - 3), (21 - 12), (100 - 90), (15 - 4), (20 - 8), (30 - 17), (15 - 1), (88 - 69), (55 - 35), (60 - 39), (42 - 20), (52 - 29), (80 - 50), (51 - 20), (64 - 32), (80 - 9)

Red:

(85 - 70), (24 - 8), (25 - 8), (30 - 12), (90 - 66), (50 - 25), (50 - 22), (60 - 31), (70 - 37), (34 - 0), (45 - 10), (50 - 12), (60 - 21), (80 - 40), (55 - 11), (90 - 45), (55 - 9), (94 - 47), (61 - 13), (59 - 10), (100 - 50), (100 - 44), (72 - 15), (91 - 31), (77 - 11), (67 - 0), (99 - 29), (100 - 28), (91 - 18), (80 - 6), (100 - 25), (95 - 19), (99 - 22), (79 - 1), (82 - 3), (80 - 0)

Add eyes, antennae and a smile to the picture.

Mystery Picture 4

Red:

(12 - 10), (21 - 12), (20 - 8), (15 - 1), (25 - 8), (88 - 69), (60 - 39), (42 - 20), (52 - 29), (50 - 22), (60 - 31), (80 - 50), (51 - 20), (80 - 40), (50 - 9), (100 - 50), (89 - 38), (79 - 27), (61 - 8), (81 - 27), (95 - 40), (100 - 44), (72 - 15), (63 - 5), (81 - 22), (91 - 31), (84 - 21), (100 - 36), (70 - 5), (77 - 11), (67 - 0), (71 - 3), (91 - 18), (80 - 6), (100 - 25), (95 - 19), (99 - 22), (79 - 1), (88 - 5), (97 - 13), (100 - 15), (95 - 9), (95 - 8), (92 - 4), (96 - 4), (94 - 0), (100 - 3), (99 - 0)

Black:

(55 - 11), (61 - 13)

Blue:

(7 - 6), (6 - 3), (10 - 6), (16 - 11), (22 - 16), (14 - 7), (11 - 3), (100 - 90), (15 - 4), (30 - 17), (85 - 70), (24 - 8), (30 - 12), (55 - 35), (90 - 66), (50 - 25), (30 - 4), (40 - 13), (64 - 32), (45 - 10), (46 - 10), (60 - 21), (70 - 28), (90 - 45), (55 - 9), (59 - 10), (88 - 27), (71 - 9), (81 - 12), (99 - 29), (80 - 9), (100 - 28), (82 - 3), (80 - 0), (100 - 19), (91 - 9), (92 - 3), (100 - 10), (97 - 6), (100 - 7), (99 - 4), (98 - 2), (100 - 2), (100 - 0)

Add a smile to the picture.

Mystery Picture 5

Black:

(90 - 66), (40 - 13)

Blue:

(7 - 6), (12 - 10), (6 - 3), (10 - 6), (16 - 11), (22 - 16), (14 - 7), (11 - 3), (21 - 12), (100 - 90), (15 - 4), (20 - 8), (85 - 70), (24 - 8), (88 - 69), (55 - 35), (60 - 39), (42 - 20), (50 - 25), (30 - 4), (60 - 31), (80 - 50), (51 - 20), (64 - 32), (60 - 21), (80 - 40), (50 - 9), (100 - 50), (89 - 38), (79 - 27), (81 - 22), (91 - 31), (100 - 19), (100 - 10), (97 - 6), (96 - 4), (99 - 4), (98 - 2), (99 - 0), (100 - 0)

Green:

(70 - 37), (34 - 0), (45 - 10), (46 - 10), (40 - 3), (50 - 12), (70 - 28), (45 - 2), (55 - 11), (90 - 45), (55 - 9), (94 - 47), (61 - 13), (59 - 10), (61 - 8), (81 - 27), (95 - 40), (100 - 44), (72 - 15), (63 - 5), (88 - 27), (71 - 9), (84 - 21), (100 - 36), (90 - 25), (77 - 11), (67 - 0), (71 - 3), (81 - 12), (99 - 29), (80 - 9), (100 - 28), (91 - 18), (80 - 6), (100 - 25), (95 - 19), (99 - 22), (79 - 1), (82 - 3), (80 - 0), (91 - 9), (88 - 5), (97 - 13), (100 - 15), (95 - 9), (95 - 8), (92 - 4), (92 - 3), (100 - 7), (94 - 0), (100 - 3), (100 - 2)

Add a smile to the picture.



Mystery Picture 6

Black:

(34 - 0), (40 - 3), (84 - 21), (71 - 3), (80 - 6), (100 - 25), (95 - 19), (99 - 22)

Yellow:

(10 - 6), (16 - 11), (22 - 16), (14 - 7), (30 - 17), (15 - 1), (85 - 70), (24 - 8), (25 - 8), (30 - 12), (42 - 20), (52 - 29), (90 - 66), (50 - 25), (30 - 4), (40 - 13), (50 - 22), (60 - 31), (51 - 20), (64 - 32), (70 - 37), (45 - 10), (46 - 10), (50 - 12), (60 - 21), (80 - 40), (50 - 9), (70 - 28), (45 - 2), (55 - 11), (90 - 45), (55 - 9), (94 - 47), (61 - 13), (59 - 10), (100 - 50), (89 - 38), (79 - 27), (61 - 8), (81 - 27), (95 - 40), (100 - 44), (72 - 15), (63 - 5), (81 - 22), (91 - 31), (88 - 27), (71 - 9), (100 - 36), (90 - 25), (77 - 11), (67 - 0), (81 - 12), (99 - 29), (100 - 28), (91 - 18), (79 - 1), (82 - 3), (88 - 5), (97 - 13), (100 - 15), (95 - 9), (95 - 8), (92 - 4), (94 - 0), (99 - 4), (98 - 2), (100 - 3)



Name _____

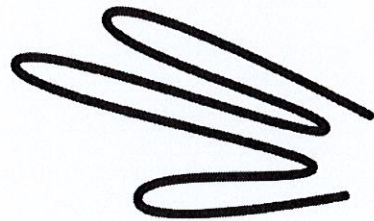
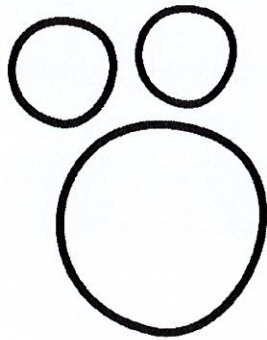
Date _____

Counting by 5

Complete the dot-to-dot by starting at 5 and counting up by fives.

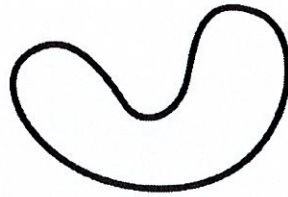
1 SQUIGGLE MASTER

Make a new picture, using the squiggles below:



2 SQUIGGLE MASTER

Make a new picture, using the squiggles below:



3 SQUIGGLE MASTER

Make a new picture, using the squiggles below:



4 SQUIGGLE MASTER

Make a new picture, using the squiggles below:



5 SQUIGGLE MASTER

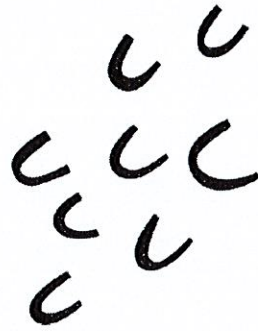
Make a new picture, using the squiggles below:



Teach **THIS**

6 SQUIGGLE MASTER

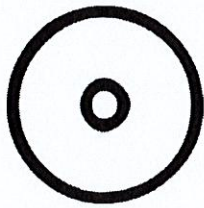
Make a new picture, using the squiggles below:



Teach **THIS**

7 SQUIGGLE MASTER

Make a new picture, using the squiggles below:



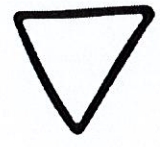
8 SQUIGGLE MASTER

Make a new picture, using the squiggles below:



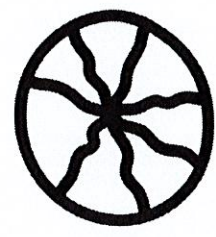
9 SQUIGGLE MASTER

Make a new picture, using the squiggles below:



10 SQUIGGLE MASTER

Make a new picture, using the squiggles below:



Word Challenge

Make the longest word you can
using only these letters.
Each letter can only be used once.

a i b s n e t w i



Teach **THIS**

Word Challenge

Make the longest word you can
using only these letters.
Each letter can only be used once.

l h y b n a e e o



Teach **THIS**

Word Challenge

Make the longest word you can
using only these letters.
Each letter can only be used once.

t a o p e h n s e



Teach **THIS**

Word Challenge

Make the longest word you can
using only these letters.
Each letter can only be used once.

a i s r p u l n e



Teach **THIS**

Writing Mathematical Statements Using Plus, Minus and Equals

Count the objects in the following pictures to turn them into numbers and create mathematical statements in the row underneath.

Example:



$$3 + 2 = 5$$

Questions:



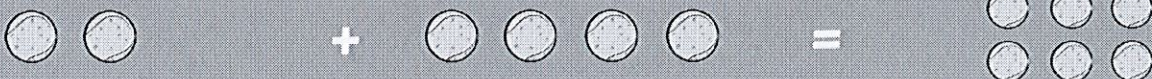
1

$$+ =$$



2

$$+ =$$



3

$$+ =$$



4

$$- =$$






5

$$- =$$

Writing Mathematical Statements Using Plus, Minus and Equals




Count the objects in the following pictures to turn them into numbers and create mathematical statements in the row underneath.

Example:


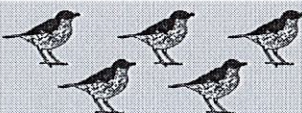
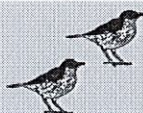
	?		=	
2		1	=	1

Questions:

1

	?		=	
			=	




2

	?		=	
			=	

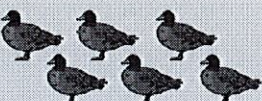


3

	?		=	
			=	

4

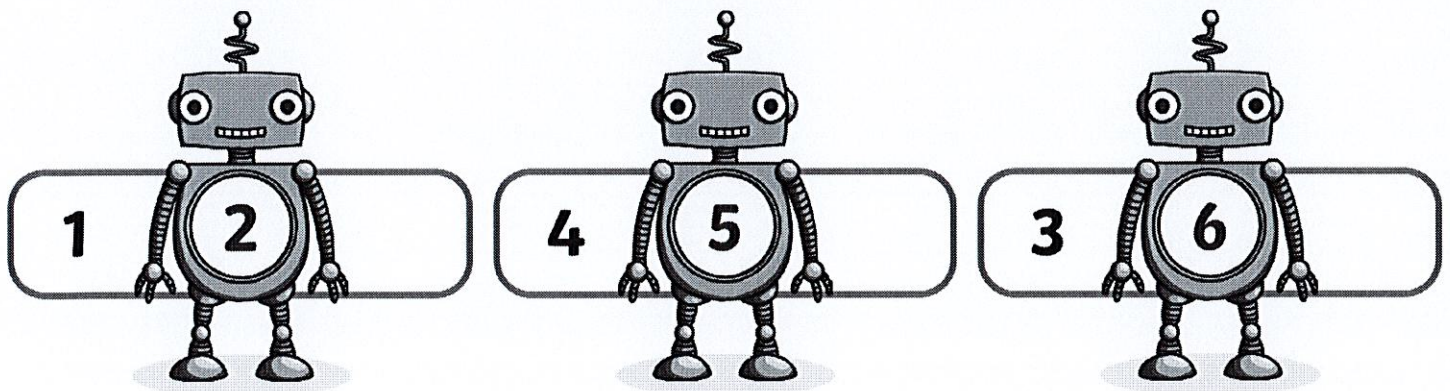
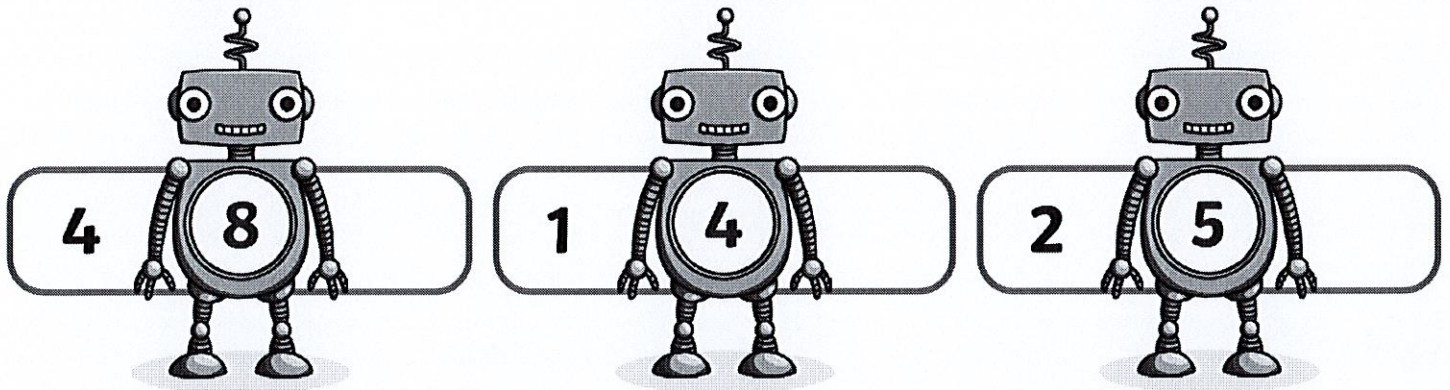
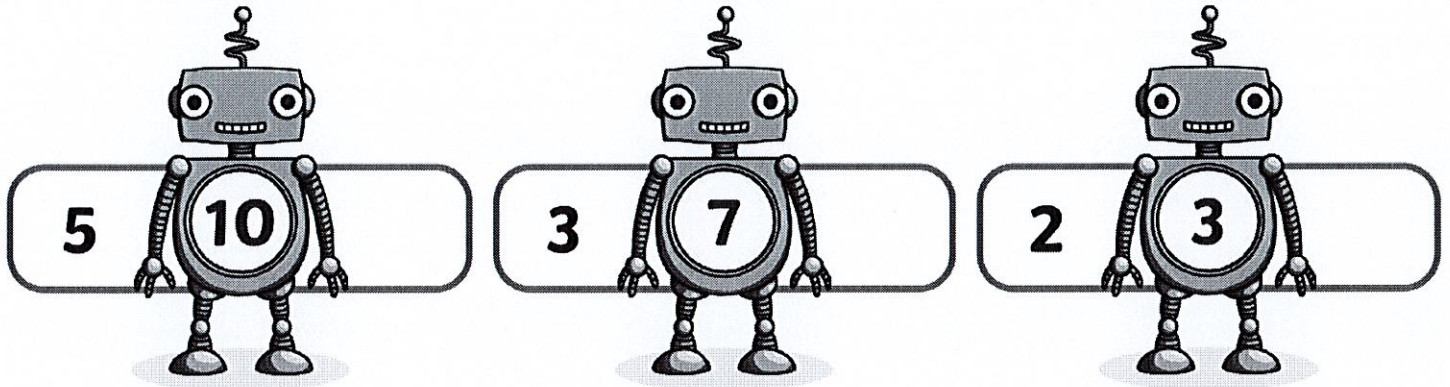
	?		=	
			=	

5

	?		=	
			=	

Mixed Number Bonds to 10 on Robots Worksheet 1

Can you find the missing number bond to make the number in the robot's tummy?

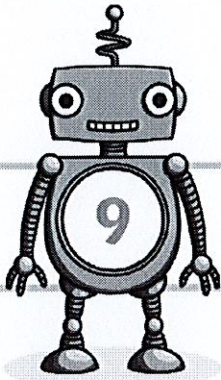


Mixed Number Bonds to 10 on Robots Worksheet 2

Can you find the missing number bond to make the number in the robot's tummy?

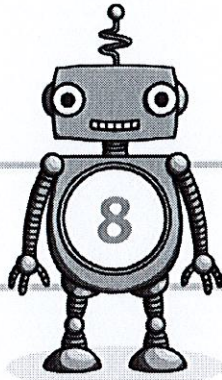
7

9



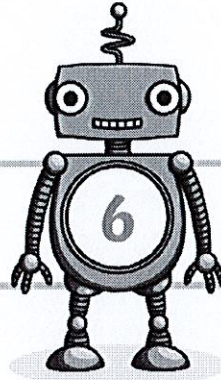
3

8



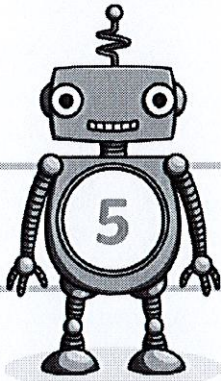
5

6



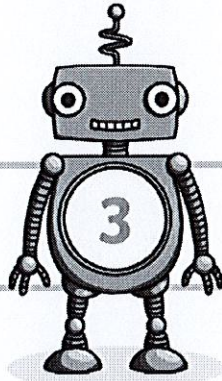
3

5



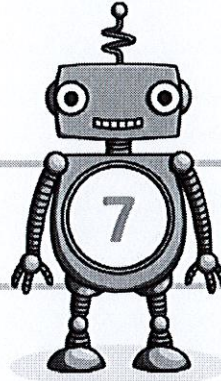
1

3



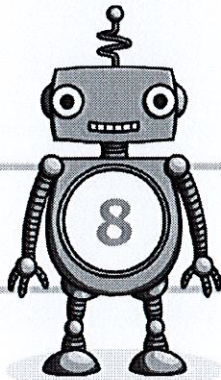
6

7



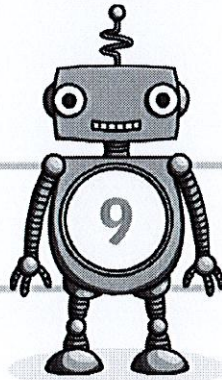
5

8



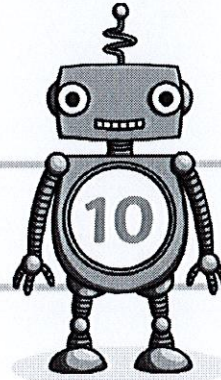
6

9



8

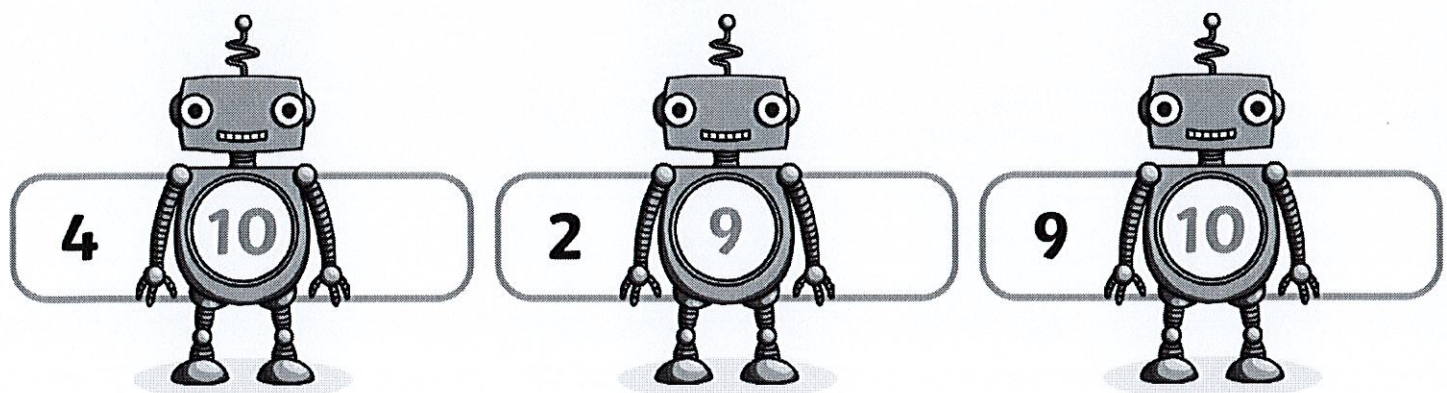
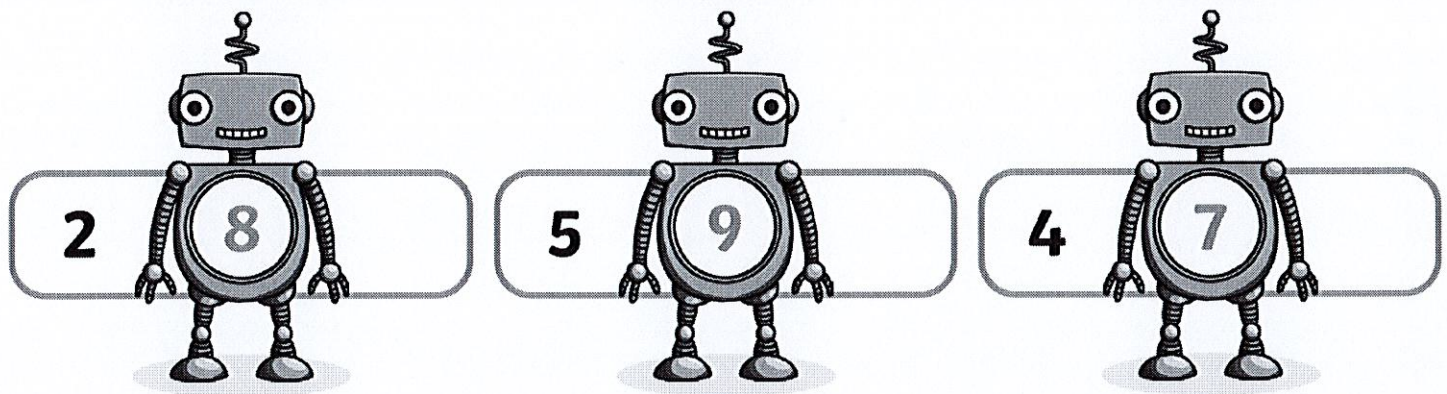
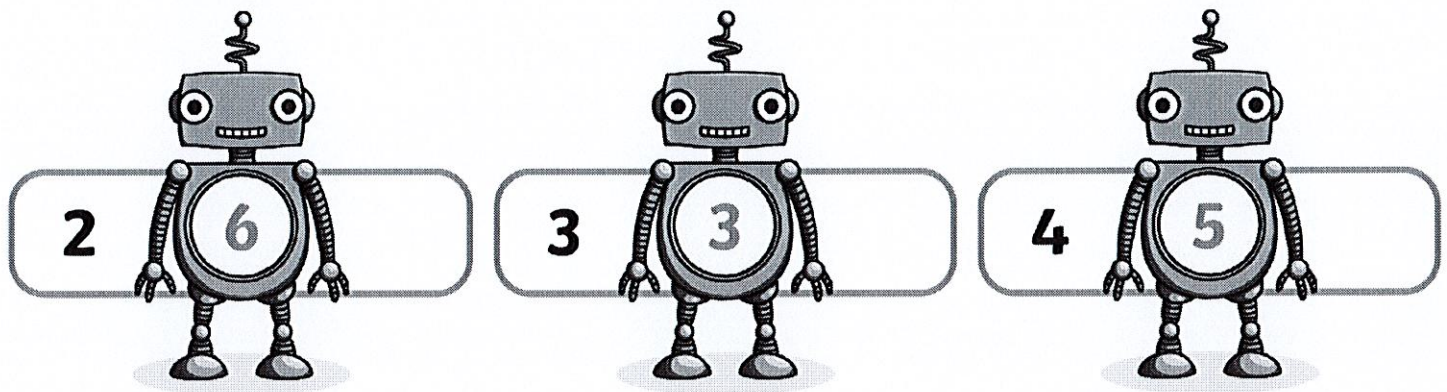
10



Mixed Number Bonds to 10 on Robots

Worksheet 3

Can you find the missing number bond to make the number in the robot's tummy?

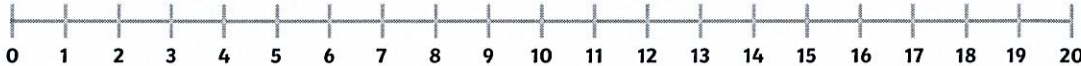


Addition to 20 on a Number Line

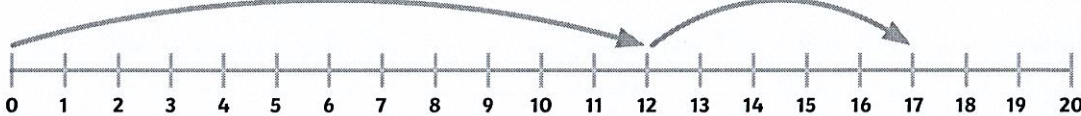
Sheet 3

Practice what you have learned so far on a number line to 20 and progress to see if you can draw your own number line!

1 $11 + 4 = \square$



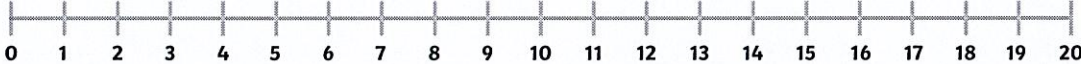
2 $\square + \square = \square$



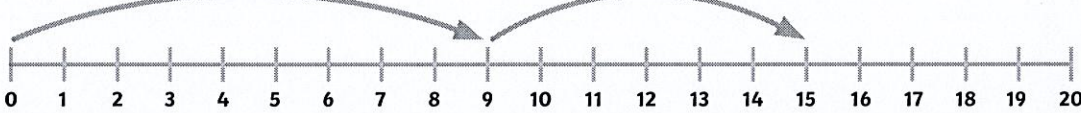
3 $8 + 9 = \square$



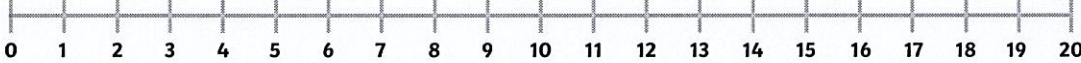
4 $6 + \square = 9$




5 $\square + \square = \square$



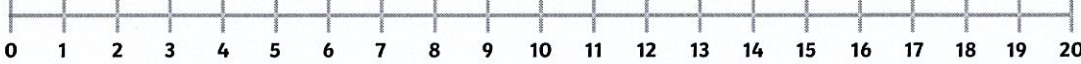
6 $\square + 7 = 11$



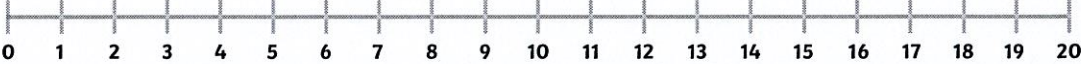
7 $9 + 9 = \square$



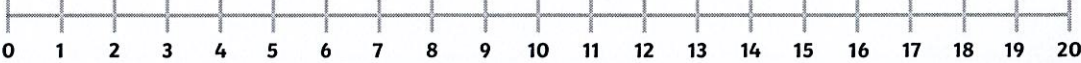
8 $12 + 3 = \square$



9 $7 + 9 = \square$



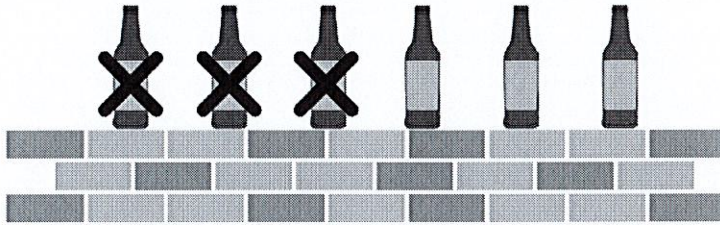
10 $13 + 5 = \square$



Green Bottles Subtraction

Use crosses to knock the green bottles off the wall. How many are left?

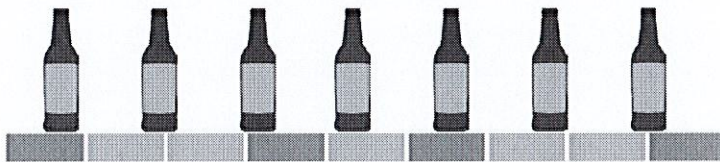
Example:



$$6 - 3 = \boxed{3}$$

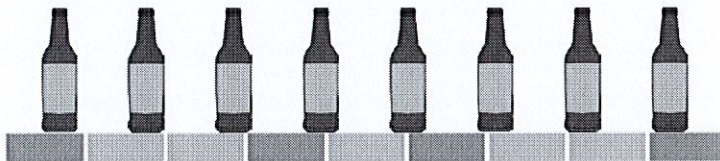
Questions:

1



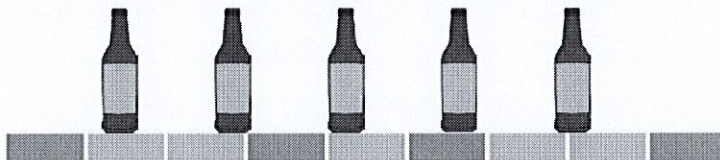
$$7 - 3 = \square$$

2



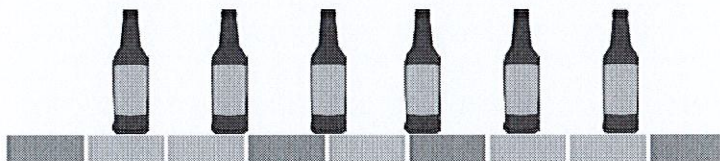
$$8 - 1 = \square$$

3



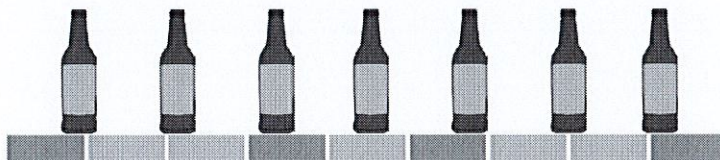
$$5 - 0 = \square$$

4



$$6 - 5 = \square$$

5



$$7 - 2 = \square$$

6



$$9 - 9 = \square$$

Elmer Addition to 20 Colour by Numbers Sheet

Solve the sums in the boxes to work out what colours they should be!

3 or 11 = Yellow

4 or 12 = Orange

5 or 13 = Blue

6 or 14 = Red

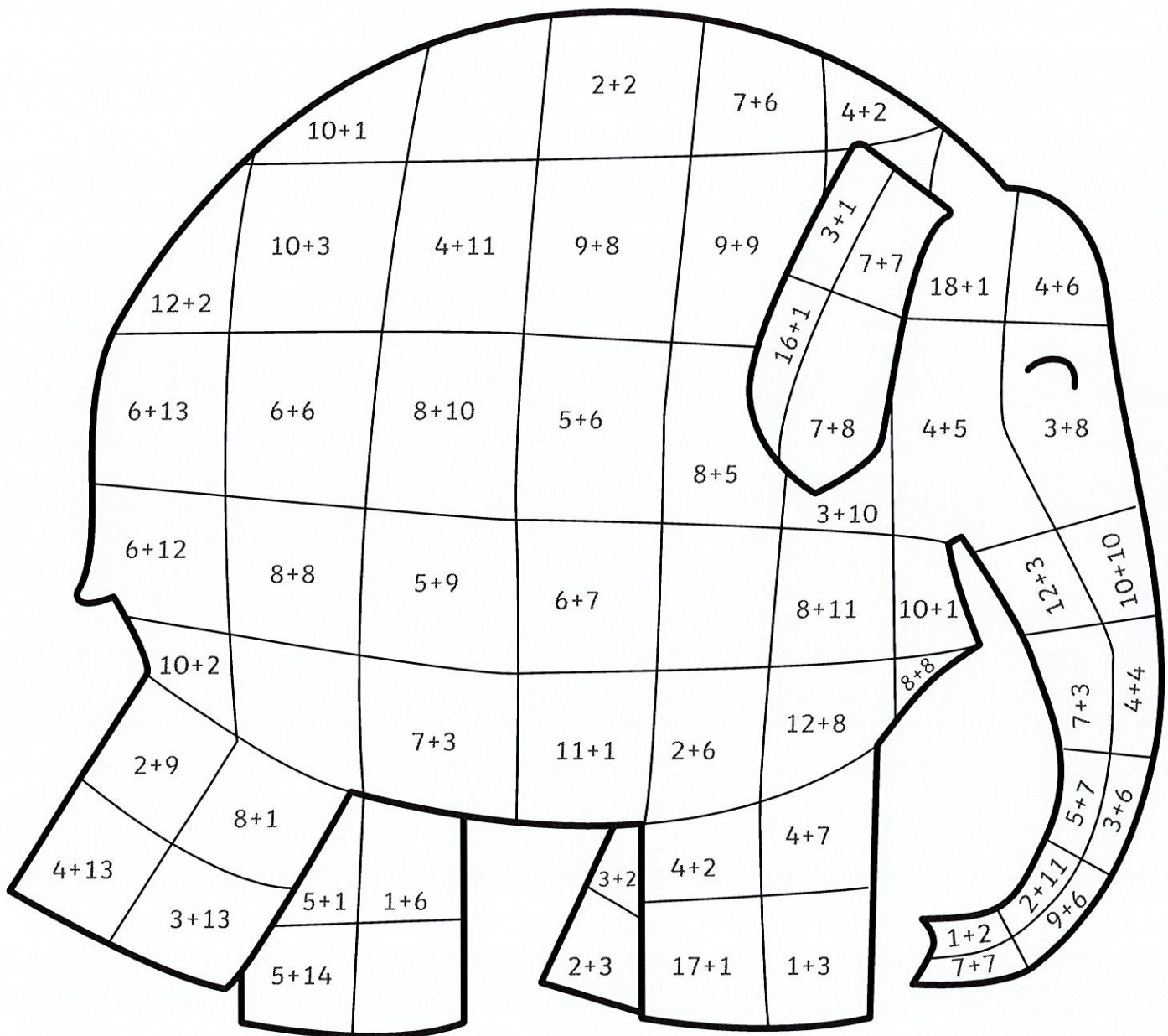
7 or 15 = Purple

8 or 17 = Black

9 or 18 = Pink

10 or 19 = Green

16 or 20 = Any colour!



Elmer Subtraction to 20 Colour by Numbers Sheet

Solve the sums in the boxes to work out what colours they should be!

3 or 11 = Yellow

4 or 12 = Orange

5 or 13 = Blue

6 or 14 = Red

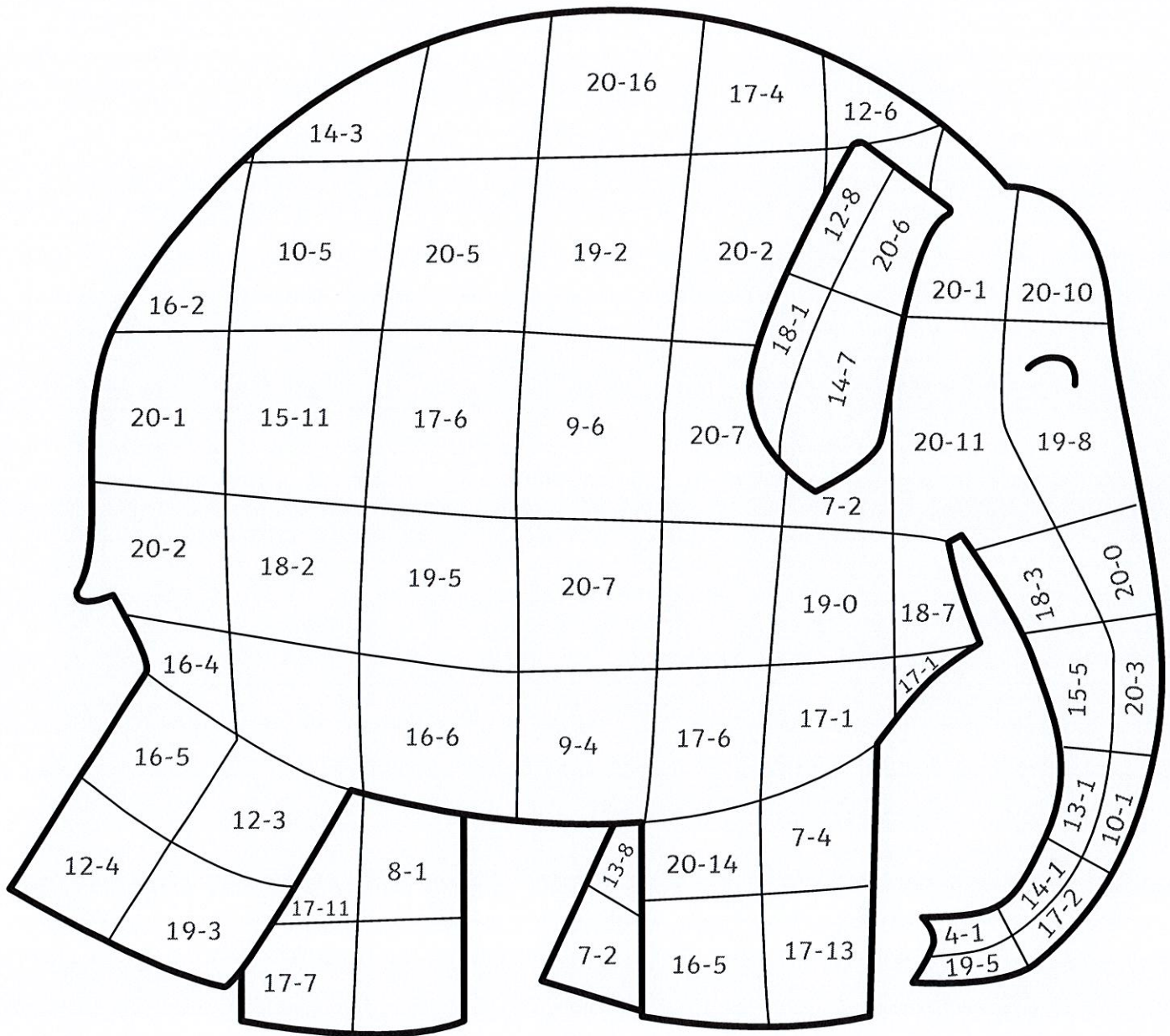
7 or 15 = Purple

8 or 17 = Black

9 or 18 = Pink

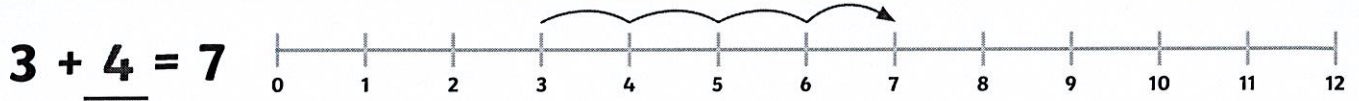
10 or 19 = Green

16 or 20 = Any colour!

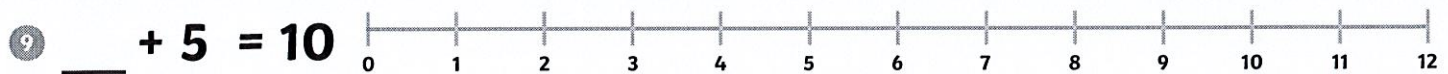
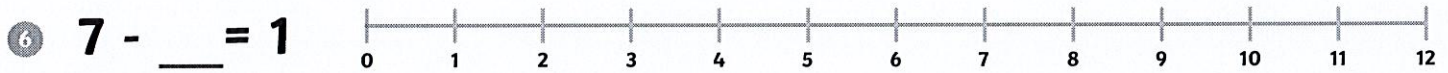
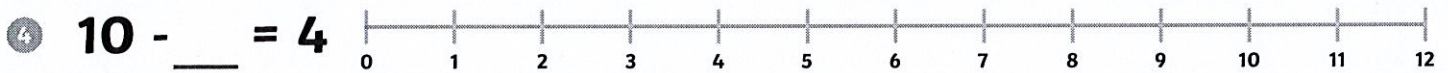
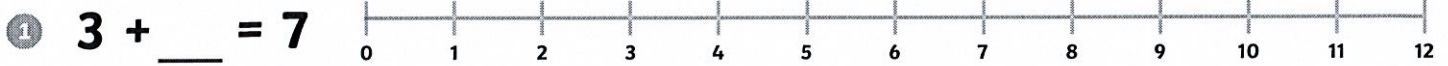


Missing Number Calculations with a Number Line - 1

Example:

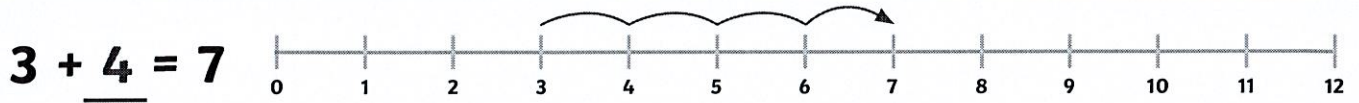


Questions

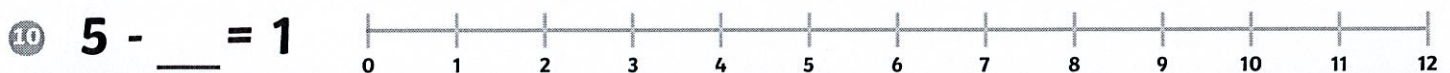
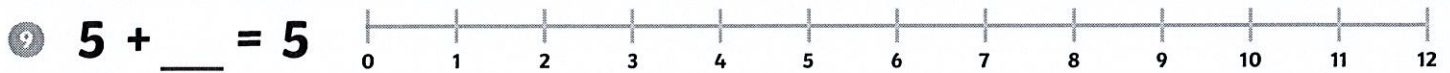
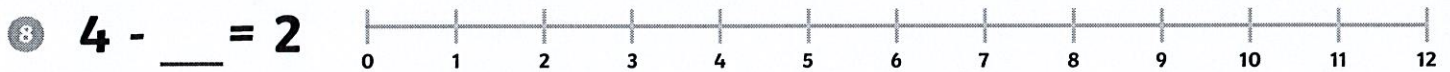
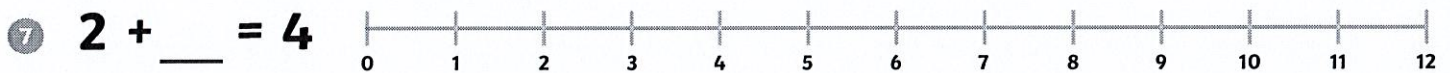
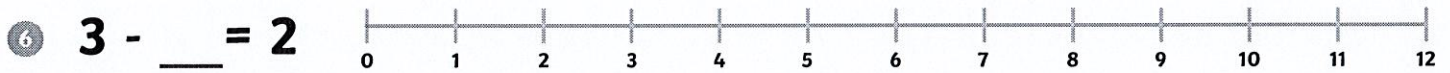
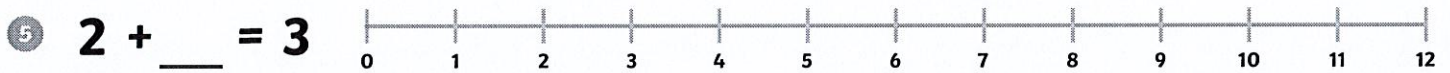
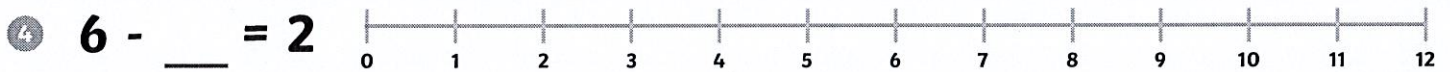


Missing Number Calculations with a Number Line - 2

Example:



Questions



Subtracting Numbers and Ones from 2-Digit Numbers, Crossing 10

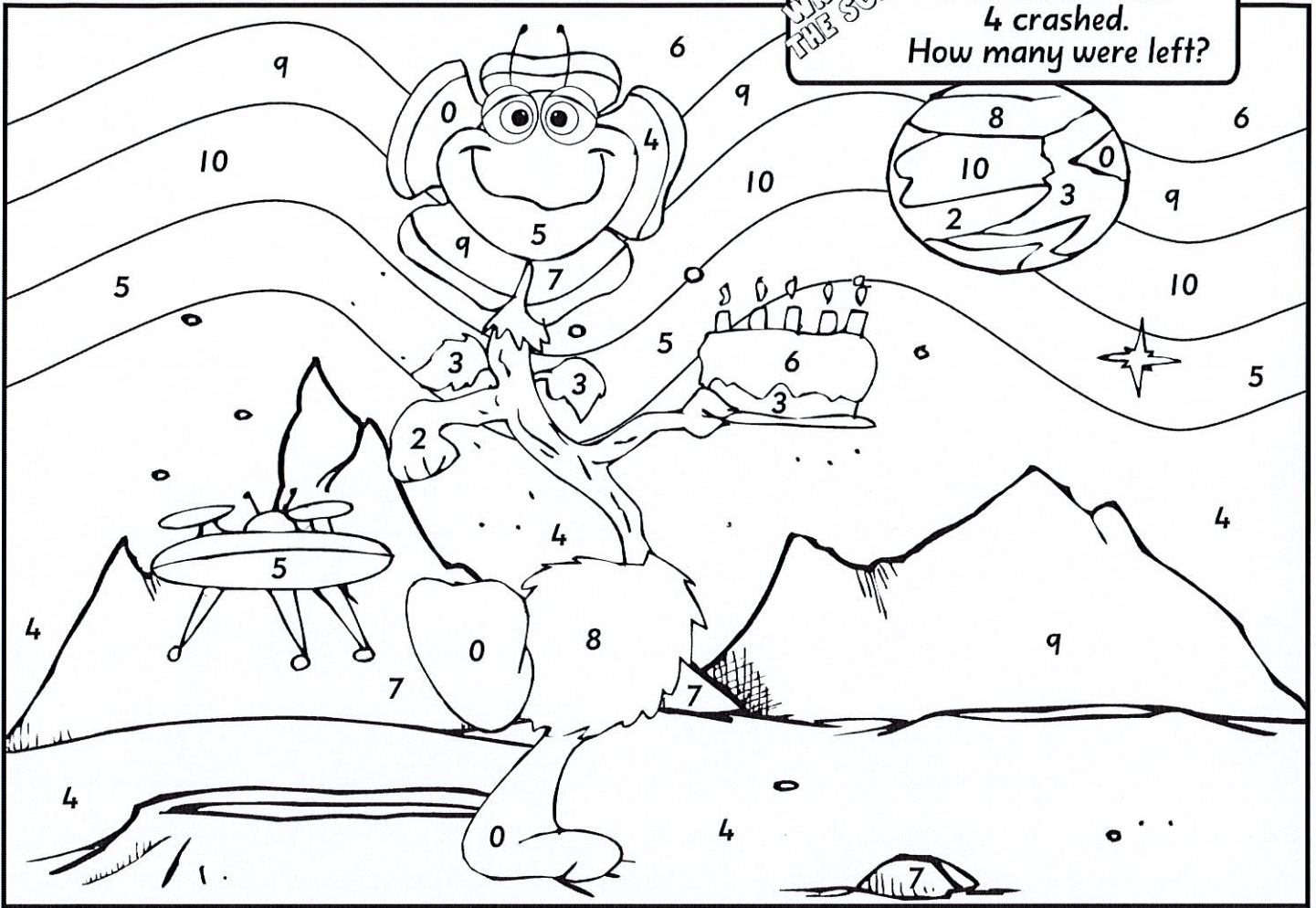
$7 - 4 =$ _____ $17 - 4 =$ _____ $27 - 4 =$ _____ $37 - 4 =$ _____	$8 - 1 =$ _____ $18 - 1 =$ _____ $28 - 1 =$ _____ $38 - 1 =$ _____
$8 - 3 =$ _____ $18 - 3 =$ _____ $48 - 3 =$ _____ $58 - 3 =$ _____	$9 - 2 =$ _____ $19 - 2 =$ _____ $49 - 2 =$ _____ $69 - 2 =$ _____
$12 - 5 =$ _____ $22 - 5 =$ _____ $32 - 5 =$ _____ $72 - 5 =$ _____	$18 - 5 =$ _____ $28 - 5 =$ _____ $38 - 5 =$ _____ $98 - 5 =$ _____
$20 - 5 =$ _____ $40 - 5 =$ _____ $70 - 5 =$ _____ $80 - 5 =$ _____	$13 - 7 =$ _____ $23 - 7 =$ _____ $43 - 7 =$ _____ $73 - 7 =$ _____
$16 - 3 =$ _____ $26 - 3 =$ _____ $56 - 3 =$ _____ $76 - 3 =$ _____	$12 - 3 =$ _____ $22 - 3 =$ _____ $72 - 3 =$ _____ $82 - 3 =$ _____

Subtraction to ten.

Finish in your own colours.

WRITE THE SUM

6 UFO's in orbit.
4 crashed.
How many were left?



Look for the numbers more than once and colour the picture.

$9 - 3 = \bigcirc$ blue

$6 - 4 = \bigcirc$ green

$10 - 0 = \bigcirc$ pink

$8 - 5 = \bigcirc$ rainbow

$9 - 1 = \bigcirc$ orange

$10 - 1 = \bigcirc$ brown

$8 - 1 = \bigcirc$ black

$9 - 5 = \bigcirc$ purple

$0 - 0 = \bigcirc$ yellow

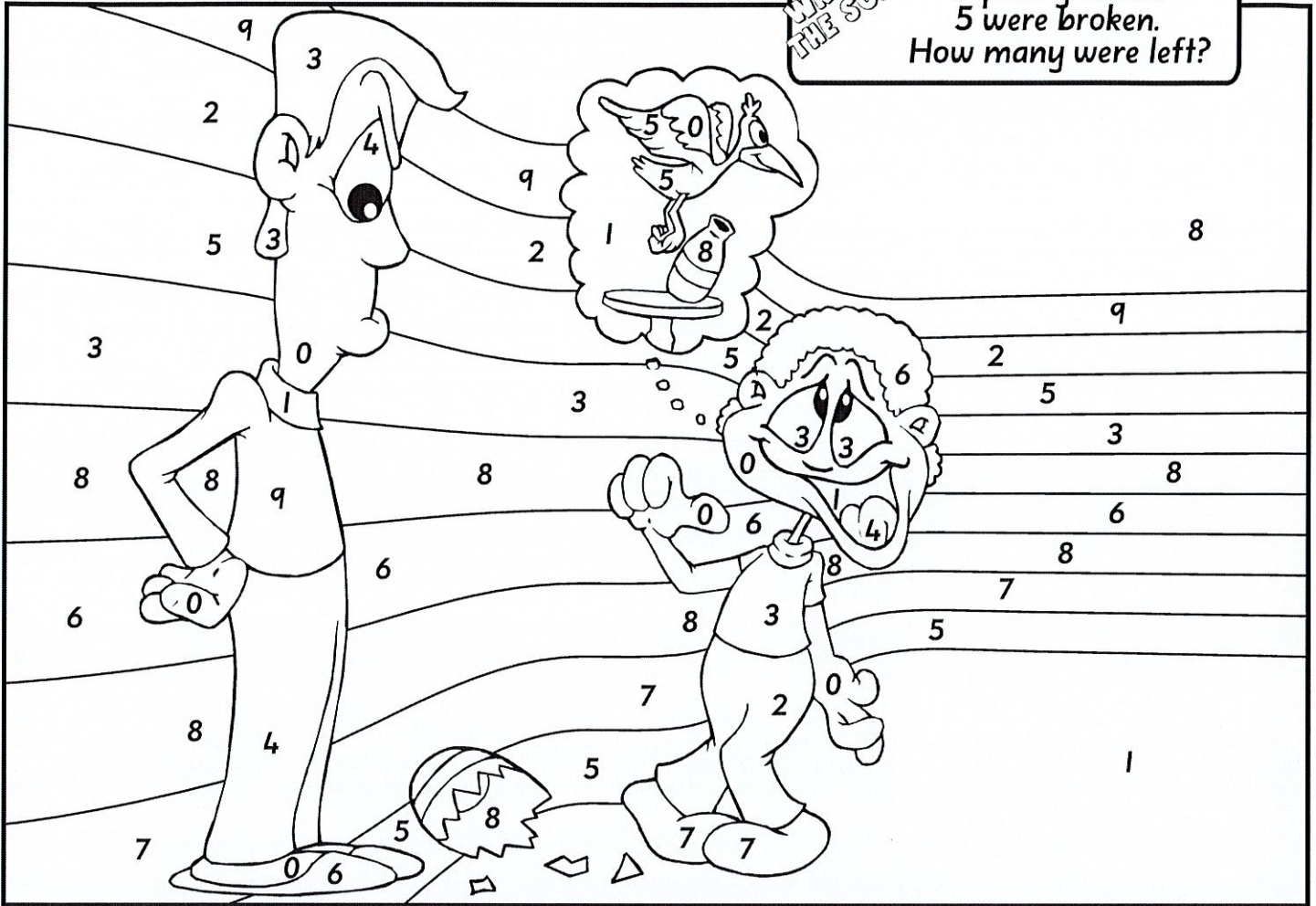
$7 - 2 = \bigcirc$ red

Subtraction to ten.

Finish in your own colours.

WRITE THE SUM

8 pretty vases.
5 were broken.
How many were left?



Look for the numbers more than once and colour the picture.

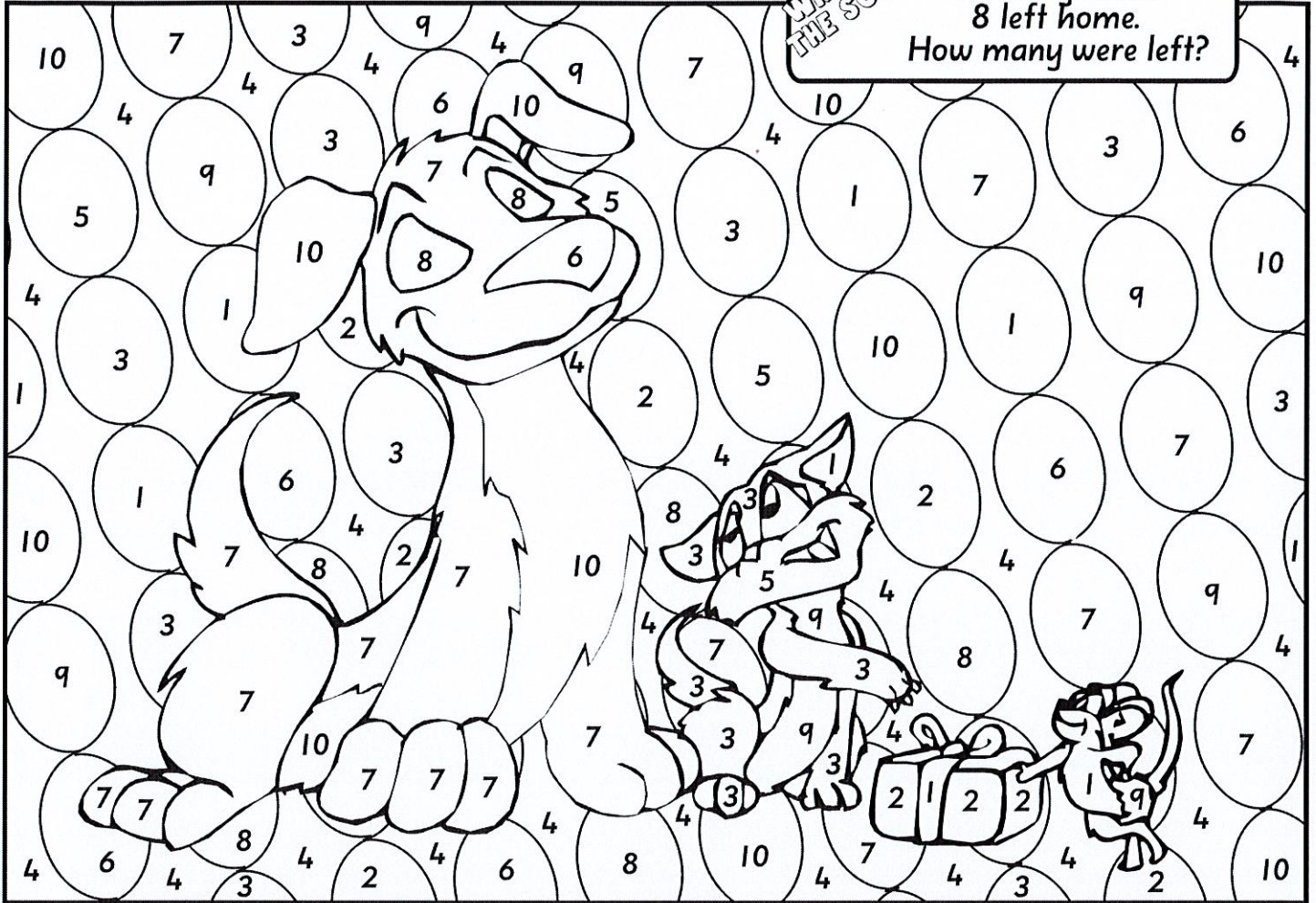
$8 - 3 = \bigcirc$ blue	$10 - 5 = \bigcirc$ green
$0 - 0 = \bigcirc$ pink	$10 - 1 = \bigcirc$ rainbow
$6 - 0 = \bigcirc$ orange	$9 - 2 = \bigcirc$ brown
$9 - 8 = \bigcirc$ black	$8 - 6 = \bigcirc$ purple
$7 - 4 = \bigcirc$ yellow	$8 - 4 = \bigcirc$ red

Subtraction to ten.

Finish in your own colours.

WRITE THE SUM

10 furry mice.
8 left home.
How many were left?



Look for the numbers more than once and colour the picture.

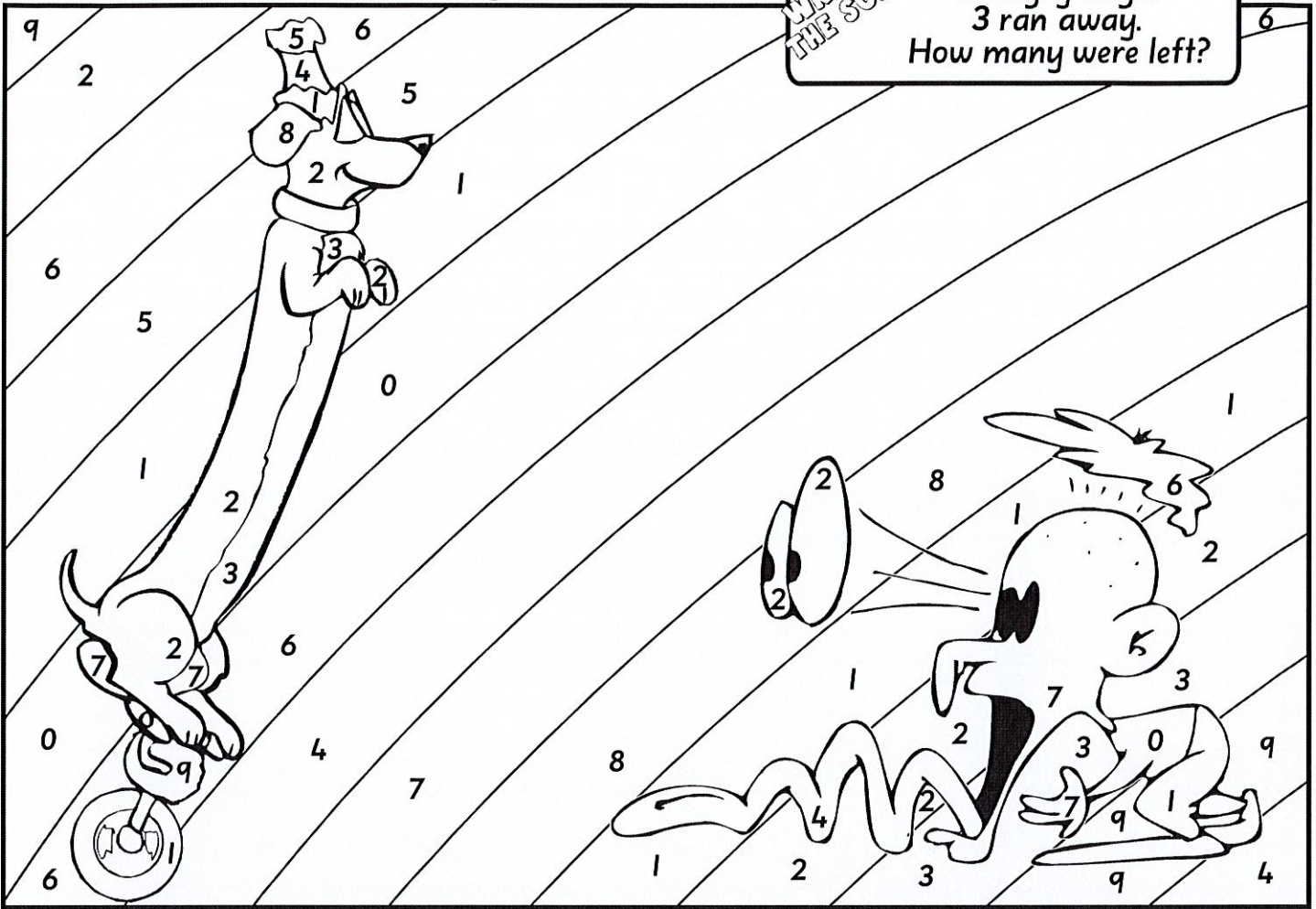
<p>blue</p> $\begin{array}{r} 10 \\ - 2 \\ \hline \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 8 \\ - 6 \\ \hline \\ \hline \end{array}$	<p>red</p> $\begin{array}{r} 10 \\ - 0 \\ \hline \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 10 \\ - 3 \\ \hline \\ \hline \end{array}$	<p>purple</p> $\begin{array}{r} 9 \\ - 6 \\ \hline \\ \hline \end{array}$
<p>pink</p> $\begin{array}{r} 7 \\ - 6 \\ \hline \\ \hline \end{array}$	<p>orange</p> $\begin{array}{r} 10 \\ - 1 \\ \hline \\ \hline \end{array}$	<p>black</p> $\begin{array}{r} 10 \\ - 6 \\ \hline \\ \hline \end{array}$	<p>brown</p> $\begin{array}{r} 5 \\ - 0 \\ \hline \\ \hline \end{array}$	<p>rainbow</p> $\begin{array}{r} 9 \\ - 3 \\ \hline \\ \hline \end{array}$

Subtraction to ten.

Finish in your own colours.

WRITE THE SUM

5 angry dogs.
3 ran away.
How many were left?



Look for the numbers more than once and colour the picture.

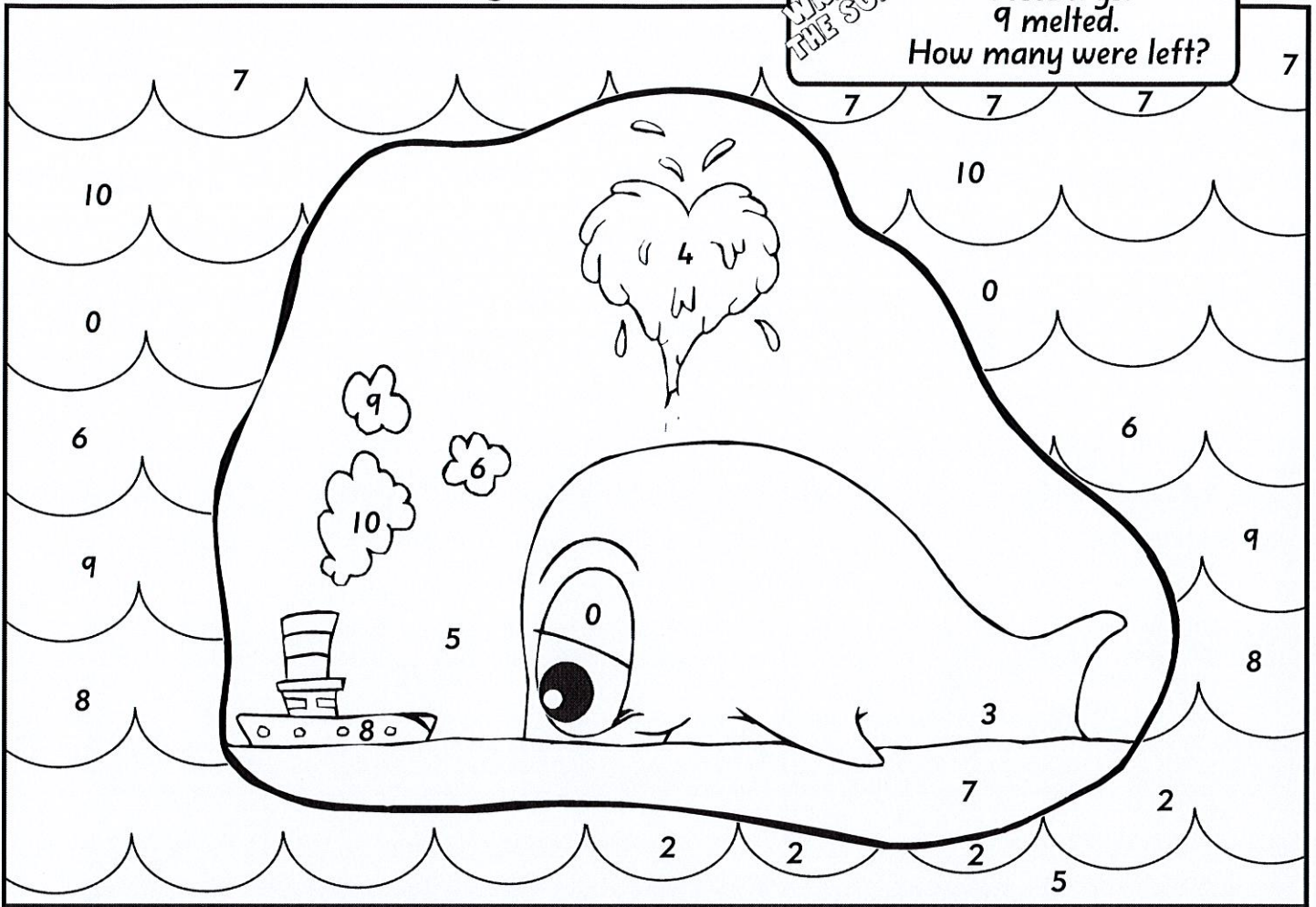
<p>blue</p> $\begin{array}{r} 10 \\ - 1 \\ \hline \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 5 \\ - 5 \\ \hline \\ \hline \end{array}$	<p>red</p> $\begin{array}{r} 9 \\ - 5 \\ \hline \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 8 \\ - 2 \\ \hline \\ \hline \end{array}$	<p>purple</p> $\begin{array}{r} 8 \\ - 5 \\ \hline \\ \hline \end{array}$
<p>pink</p> $\begin{array}{r} 10 \\ - 3 \\ \hline \\ \hline \end{array}$	<p>orange</p> $\begin{array}{r} 9 \\ - 7 \\ \hline \\ \hline \end{array}$	<p>black</p> $\begin{array}{r} 10 \\ - 9 \\ \hline \\ \hline \end{array}$	<p>brown</p> $\begin{array}{r} 10 \\ - 2 \\ \hline \\ \hline \end{array}$	<p>rainbow</p> $\begin{array}{r} 9 \\ - 4 \\ \hline \\ \hline \end{array}$

Subtraction to ten.

Finish in your own colours.

WRITE THE SUM

9 icebergs.
9 melted.
How many were left?



Look for the numbers more than once and colour the picture.

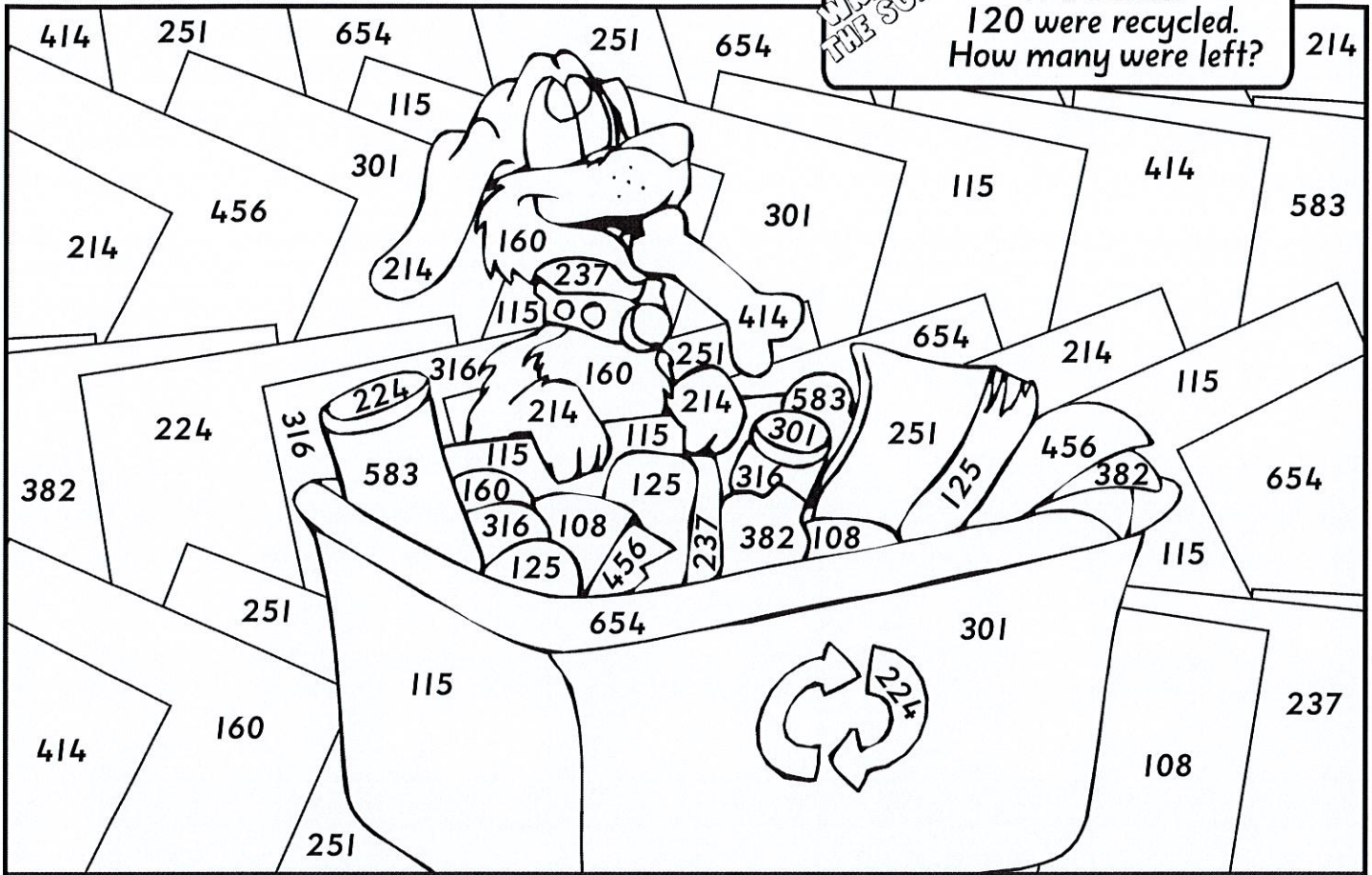
<p>blue</p> $\begin{array}{r} 7 \\ - 0 \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 10 \\ - 5 \\ \hline \end{array}$	<p>red</p> $\begin{array}{r} 8 \\ - 0 \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 10 \\ - 0 \\ \hline \end{array}$	<p>purple</p> $\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$
<p>pink</p> $\begin{array}{r} 6 \\ - 6 \\ \hline \end{array}$	<p>orange</p> $\begin{array}{r} 10 \\ - 4 \\ \hline \end{array}$	<p>black</p> $\begin{array}{r} 10 \\ - 1 \\ \hline \end{array}$	<p>brown</p> $\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$	<p>rainbow</p> $\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$

Subtraction to one thousand.

Finish in your own colours.

WRITE THE SUM

170 bones.
120 were recycled.
How many were left?



Look for the numbers more than once and colour the picture.

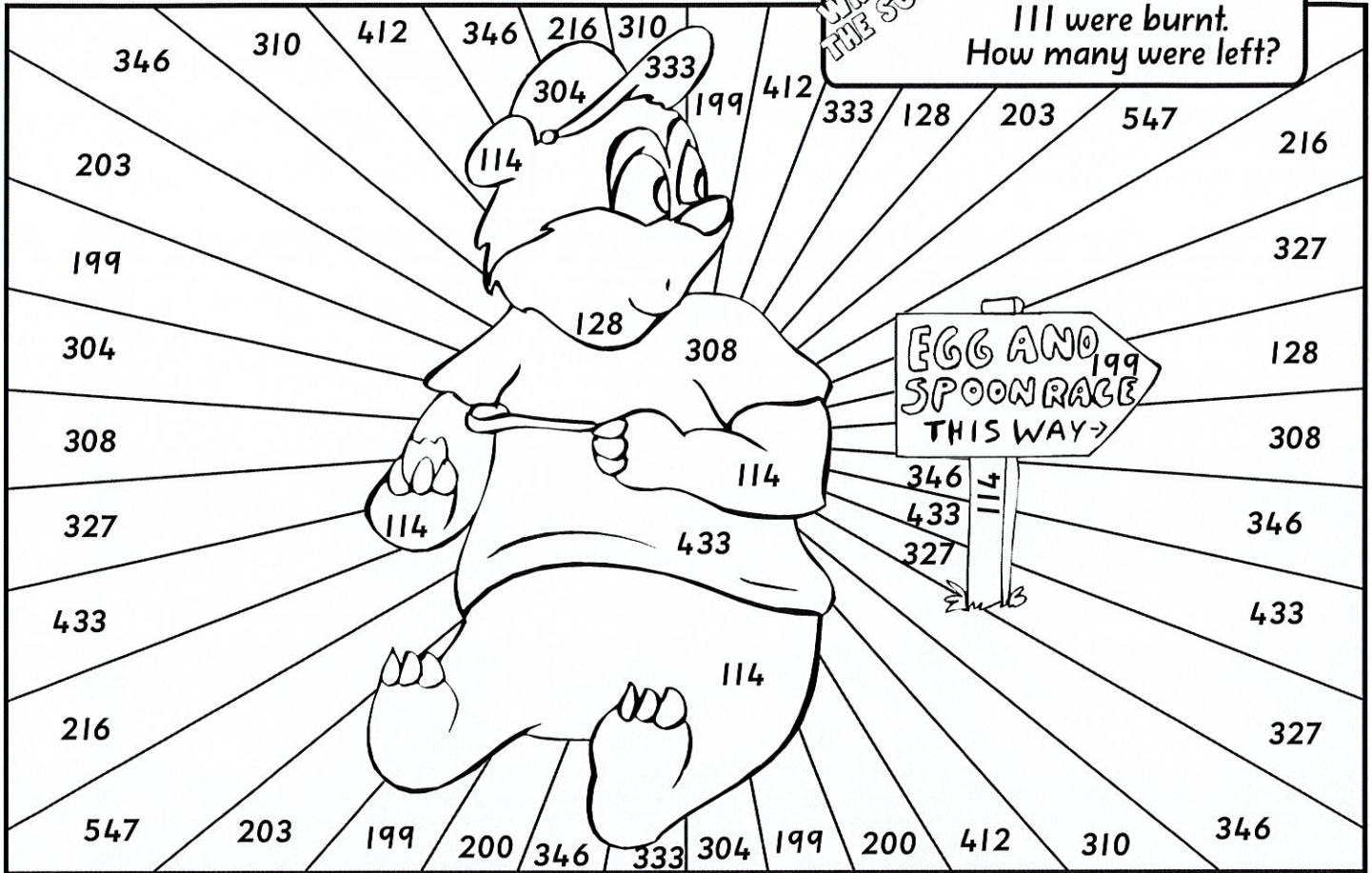
<p>blue</p> $\begin{array}{r} 693 \\ -311 \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 918 \\ -810 \\ \hline \end{array}$	<p>red</p> $\begin{array}{r} 578 \\ -122 \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 587 \\ -350 \\ \hline \end{array}$	<p>purple</p> $\begin{array}{r} 437 \\ -136 \\ \hline \end{array}$
<p>pink</p> $\begin{array}{r} 697 \\ -43 \\ \hline \end{array}$	<p>orange</p> $\begin{array}{r} 985 \\ -771 \\ \hline \end{array}$	<p>black</p> $\begin{array}{r} 169 \\ -54 \\ \hline \end{array}$	<p>brown</p> $\begin{array}{r} 659 \\ -408 \\ \hline \end{array}$	<p>rainbow</p> $\begin{array}{r} 779 \\ -654 \\ \hline \end{array}$
<p>red</p> $\begin{array}{r} 578 \\ -262 \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 690 \\ -530 \\ \hline \end{array}$	<p>blue</p> $\begin{array}{r} 598 \\ -15 \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 758 \\ -534 \\ \hline \end{array}$	<p>white</p> $\begin{array}{r} 764 \\ -350 \\ \hline \end{array}$

Subtraction to one thousand.

Finish in your own colours.

WRITE THE SUM

129 matches in a box.
111 were burnt.
How many were left?



Look for the numbers more than once and colour the picture.

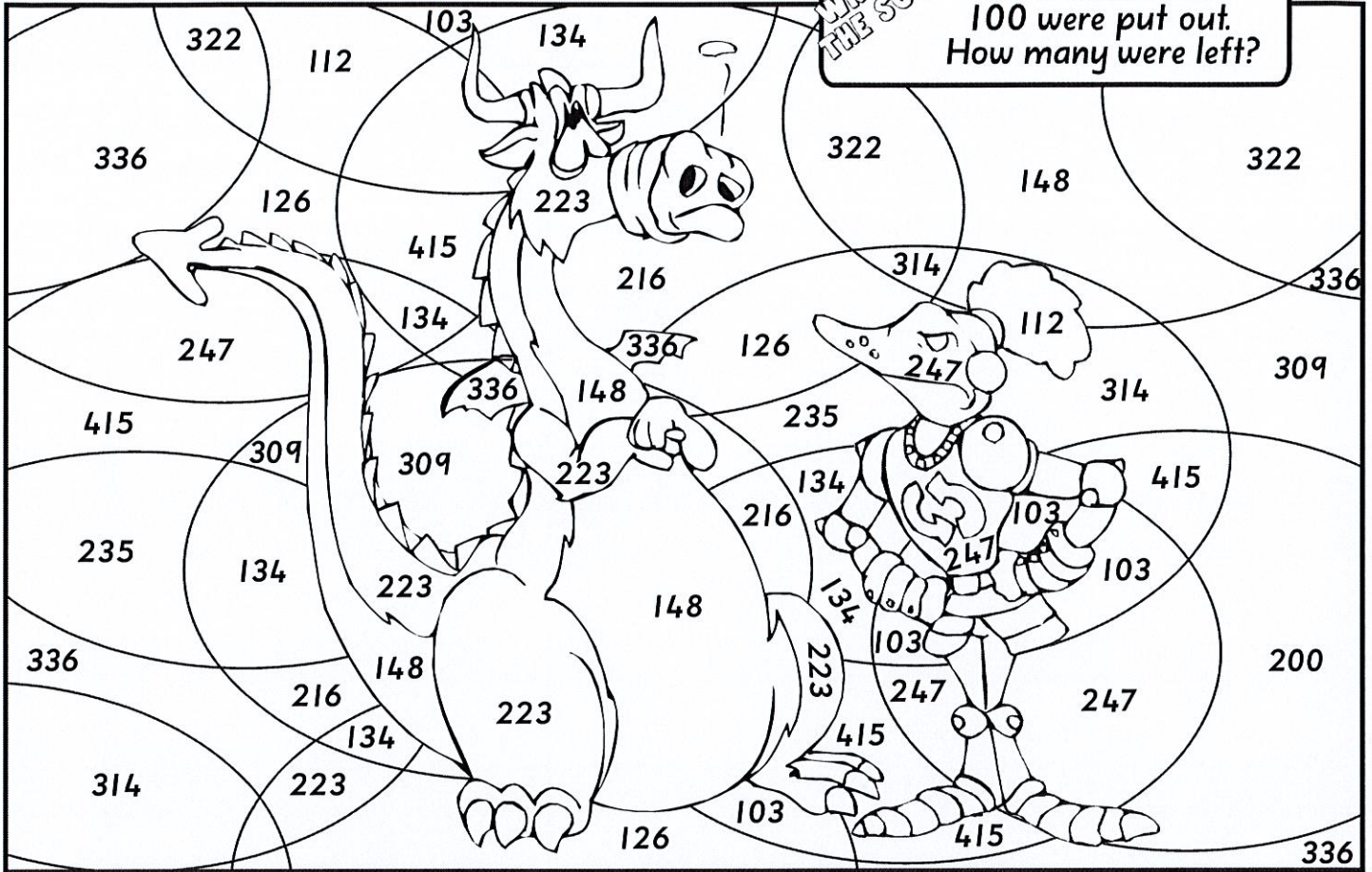
<p>blue</p> $\begin{array}{r} 669 \\ -122 \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 839 \\ -531 \\ \hline \end{array}$	<p>red</p> $\begin{array}{r} 648 \\ -344 \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 599 \\ -400 \\ \hline \end{array}$	<p>purple</p> $\begin{array}{r} 579 \\ -376 \\ \hline \end{array}$
<p>pink</p> $\begin{array}{r} 467 \\ -251 \\ \hline \end{array}$	<p>orange</p> $\begin{array}{r} 959 \\ -831 \\ \hline \end{array}$	<p>black</p> $\begin{array}{r} 858 \\ -548 \\ \hline \end{array}$	<p>brown</p> $\begin{array}{r} 525 \\ -411 \\ \hline \end{array}$	<p>rainbow</p> $\begin{array}{r} 765 \\ -432 \\ \hline \end{array}$
<p>red</p> $\begin{array}{r} 598 \\ -271 \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 849 \\ -503 \\ \hline \end{array}$	<p>blue</p> $\begin{array}{r} 558 \\ -358 \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 958 \\ -525 \\ \hline \end{array}$	<p>white</p> $\begin{array}{r} 566 \\ -154 \\ \hline \end{array}$

Subtraction to one thousand.

Finish in your own colours.

WRITE THE SUM

200 bush fires.
100 were put out.
How many were left?



Look for the numbers more than once and colour the picture.

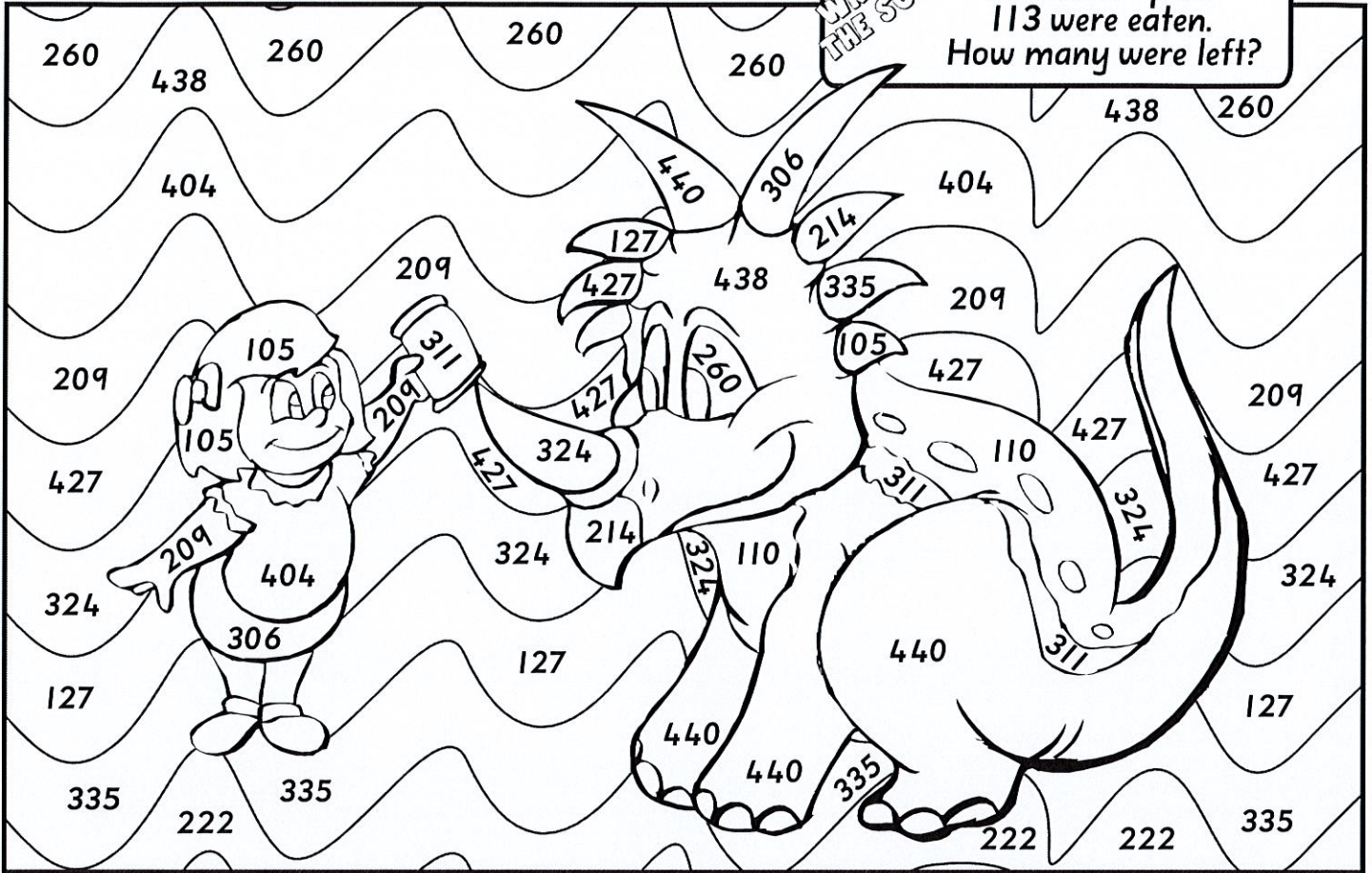
<p>blue</p> $\begin{array}{r} 698 \\ -451 \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 918 \\ -604 \\ \hline \end{array}$	<p>red</p> $\begin{array}{r} 538 \\ -426 \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 557 \\ -357 \\ \hline \end{array}$	<p>purple</p> $\begin{array}{r} 437 \\ -202 \\ \hline \end{array}$
<p>pink</p> $\begin{array}{r} 696 \\ -593 \\ \hline \end{array}$	<p>orange</p> $\begin{array}{r} 979 \\ -670 \\ \hline \end{array}$	<p>black</p> $\begin{array}{r} 467 \\ -251 \\ \hline \end{array}$	<p>brown</p> $\begin{array}{r} 659 \\ -525 \\ \hline \end{array}$	<p>rainbow</p> $\begin{array}{r} 787 \\ -451 \\ \hline \end{array}$
<p>red</p> $\begin{array}{r} 488 \\ -265 \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 696 \\ -570 \\ \hline \end{array}$	<p>blue</p> $\begin{array}{r} 599 \\ -277 \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 758 \\ -610 \\ \hline \end{array}$	<p>white</p> $\begin{array}{r} 865 \\ -450 \\ \hline \end{array}$

Subtraction to one thousand.

Finish in your own colours.

WRITE THE SUM

235 meat pies.
113 were eaten.
How many were left?



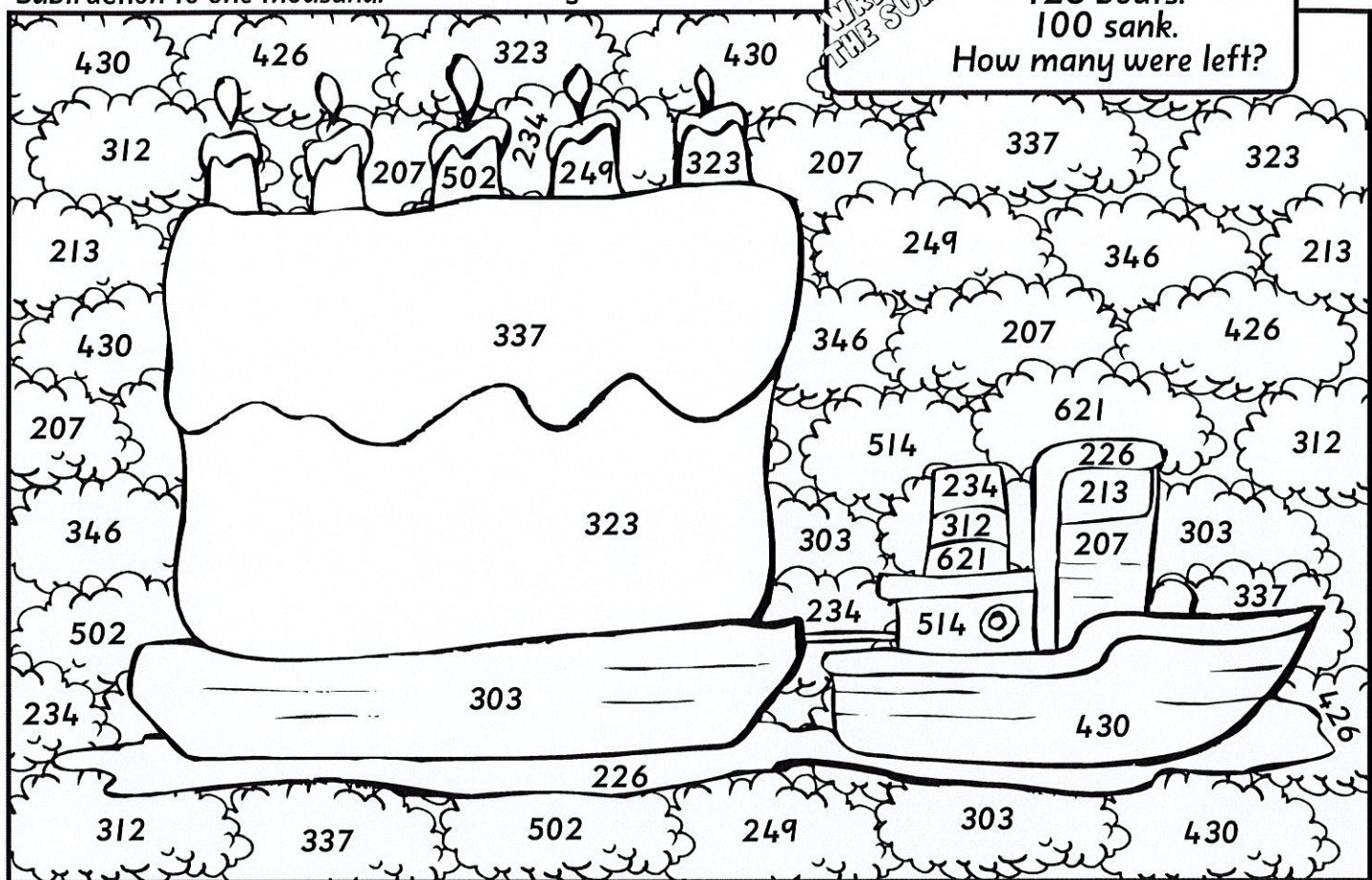
Look for the numbers more than once and colour the picture.

<p>blue</p> $\begin{array}{r} 467 \\ -132 \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 859 \\ -637 \\ \hline \end{array}$	<p>red</p> $\begin{array}{r} 748 \\ -321 \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 510 \\ -400 \\ \hline \end{array}$	<p>purple</p> $\begin{array}{r} 579 \\ -139 \\ \hline \end{array}$
<p>pink</p> $\begin{array}{r} 467 \\ -253 \\ \hline \end{array}$	<p>orange</p> $\begin{array}{r} 955 \\ -631 \\ \hline \end{array}$	<p>black</p> $\begin{array}{r} 858 \\ -753 \\ \hline \end{array}$	<p>brown</p> $\begin{array}{r} 619 \\ -410 \\ \hline \end{array}$	<p>rainbow</p> $\begin{array}{r} 763 \\ -452 \\ \hline \end{array}$
<p>red</p> $\begin{array}{r} 578 \\ -174 \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 849 \\ -722 \\ \hline \end{array}$	<p>blue</p> $\begin{array}{r} 658 \\ -352 \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 958 \\ -520 \\ \hline \end{array}$	<p>white</p> $\begin{array}{r} 364 \\ -104 \\ \hline \end{array}$

Subtraction to one thousand. Finish in your own colours.

WRITE THE SUM

123 boats.
100 sank.
How many were left?



Look for the numbers more than once and colour the picture.

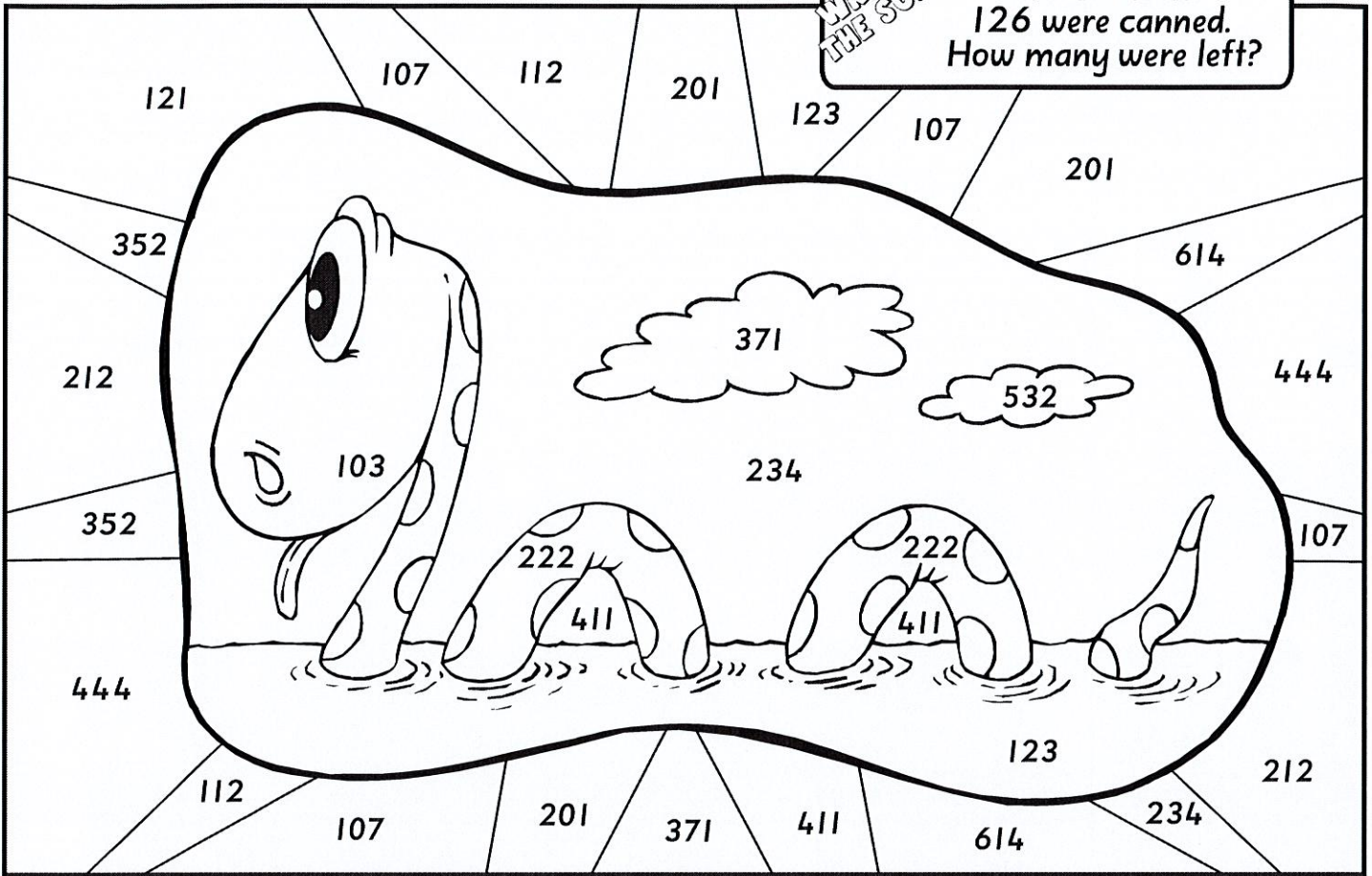
<p>blue</p> $\begin{array}{r} 798 \\ -452 \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 906 \\ -404 \\ \hline \end{array}$	<p>red</p> $\begin{array}{r} 838 \\ -412 \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 567 \\ -354 \\ \hline \end{array}$	<p>purple</p> $\begin{array}{r} 405 \\ -102 \\ \hline \end{array}$
<p>pink</p> $\begin{array}{r} 698 \\ -361 \\ \hline \end{array}$	<p>orange</p> $\begin{array}{r} 979 \\ -772 \\ \hline \end{array}$	<p>black</p> $\begin{array}{r} 567 \\ -255 \\ \hline \end{array}$	<p>brown</p> $\begin{array}{r} 669 \\ -435 \\ \hline \end{array}$	<p>rainbow</p> $\begin{array}{r} 787 \\ -166 \\ \hline \end{array}$
<p>red</p> $\begin{array}{r} 489 \\ -240 \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 697 \\ -374 \\ \hline \end{array}$	<p>blue</p> $\begin{array}{r} 599 \\ -373 \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 750 \\ -320 \\ \hline \end{array}$	<p>white</p> $\begin{array}{r} 965 \\ -451 \\ \hline \end{array}$

Subtraction to one thousand.

Finish in your own colours.

WRITE THE SUM

348 sardines.
126 were canned.
How many were left?

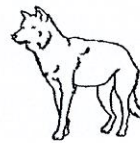
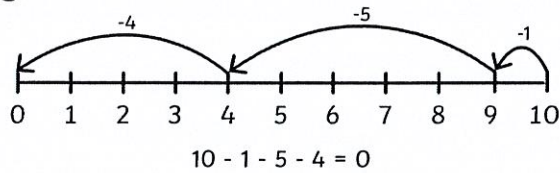


Look for the numbers more than once and colour the picture.

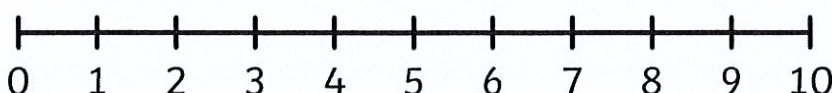
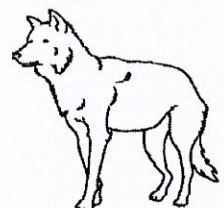
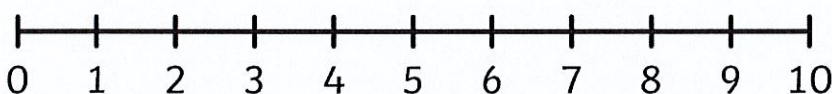
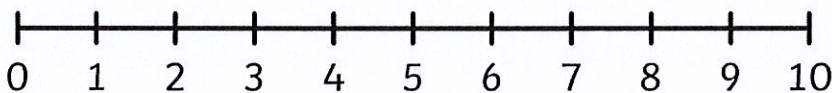
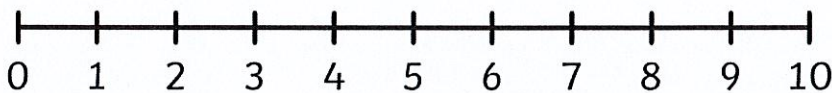
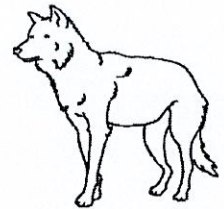
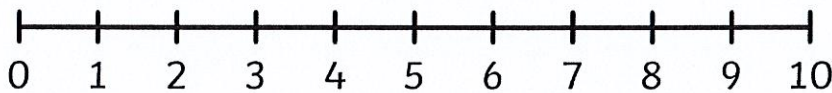
<p>blue</p> $\begin{array}{r} 743 \\ -332 \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 758 \\ -637 \\ \hline \end{array}$	<p>red</p> $\begin{array}{r} 738 \\ -124 \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 529 \\ -307 \\ \hline \end{array}$	<p>purple</p> $\begin{array}{r} 248 \\ -136 \\ \hline \end{array}$
<p>pink</p> $\begin{array}{r} 665 \\ -453 \\ \hline \end{array}$	<p>orange</p> $\begin{array}{r} 985 \\ -541 \\ \hline \end{array}$	<p>black</p> $\begin{array}{r} 859 \\ -752 \\ \hline \end{array}$	<p>brown</p> $\begin{array}{r} 809 \\ -608 \\ \hline \end{array}$	<p>rainbow</p> $\begin{array}{r} 773 \\ -402 \\ \hline \end{array}$
<p>red</p> $\begin{array}{r} 578 \\ -226 \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 949 \\ -846 \\ \hline \end{array}$	<p>blue</p> $\begin{array}{r} 558 \\ -324 \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 658 \\ -535 \\ \hline \end{array}$	<p>white</p> $\begin{array}{r} 764 \\ -232 \\ \hline \end{array}$

Hops down from 10

Example



Peter Rabbit wants to hop away from the wolf in 3 hops. Find different ways that Peter Rabbit can do this and draw them on the number line. Can you describe how hopping up and hopping down from 10 are related?

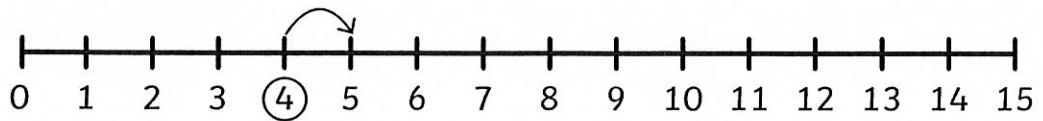


How many other ways can you find? Can you find them all?

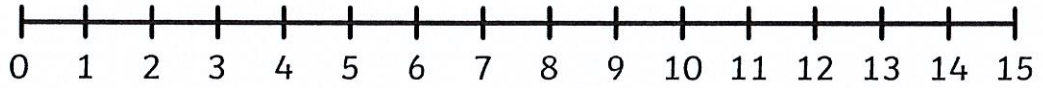
Addition to 20 on a Number Line

Example

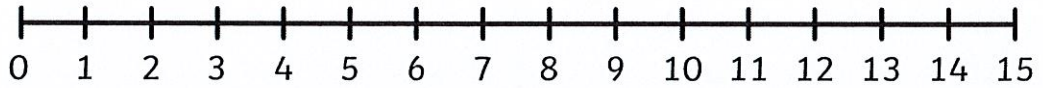
$4 + 1 = \boxed{5}$



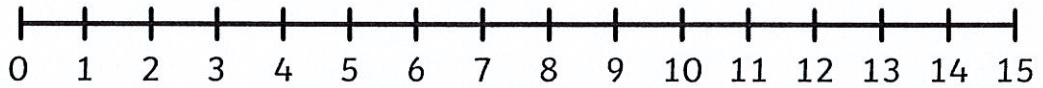
$5 + 3 = \boxed{}$



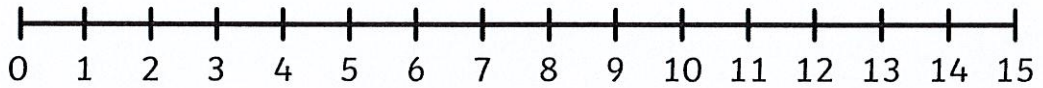
$8 + 3 = \boxed{}$



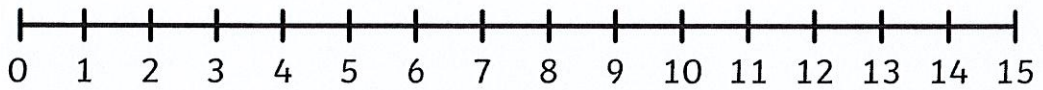
$6 + 6 = \boxed{}$



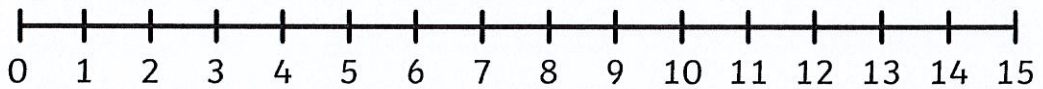
$4 + 5 = \boxed{}$



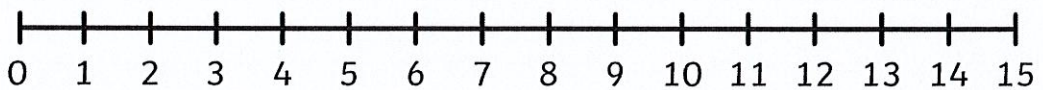
$4 + 7 = \boxed{}$



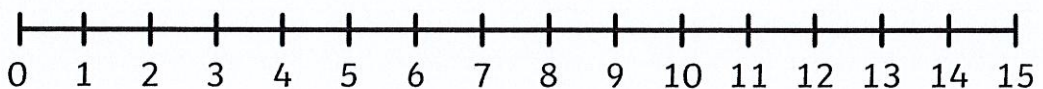
$7 + 6 = \boxed{}$



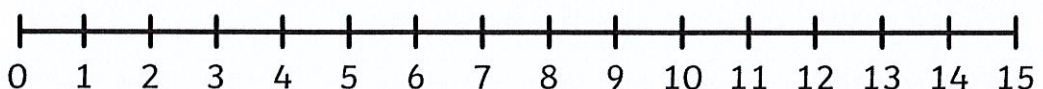
$8 + 4 = \boxed{}$



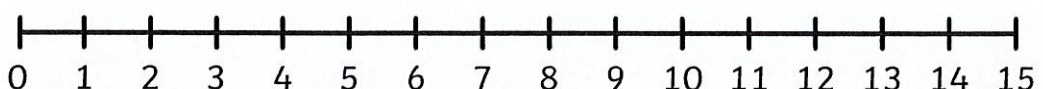
$9 + 6 = \boxed{}$



$3 + 9 = \boxed{}$



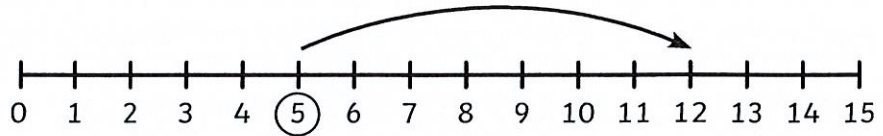
$2 + 10 = \boxed{}$



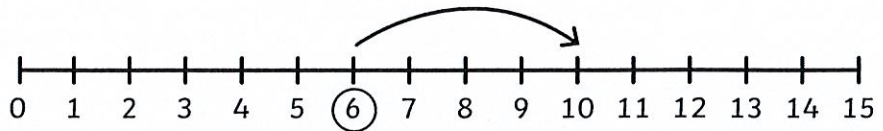
Addition to 20 on a Number Line - Sheet 2

For these questions, can you work out which sums are being shown on the number lines? The first one has been done for you.

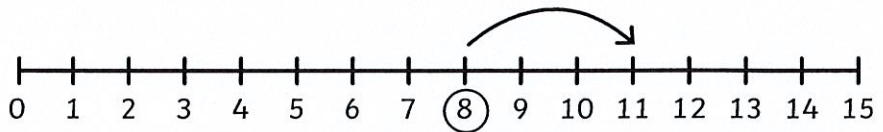
1. $5 + 7 = 12$



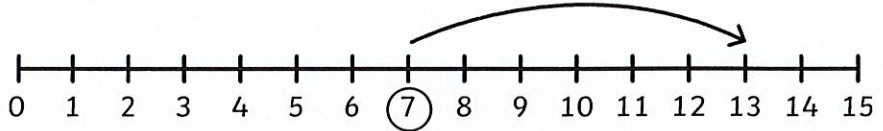
2. $\square + \square = \square$



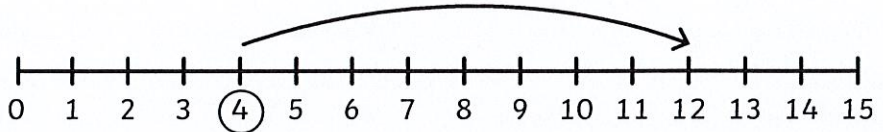
3. $\square + \square = \square$



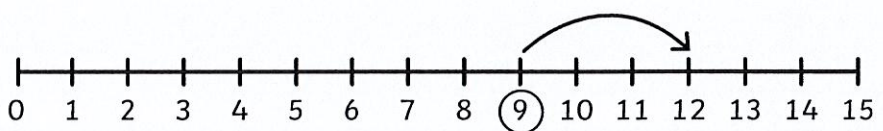
4. $\square + \square = \square$



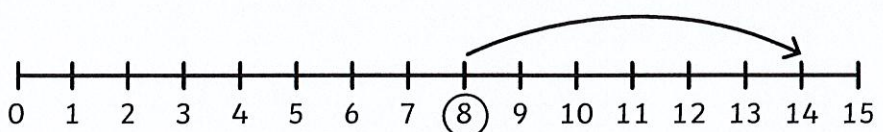
5. $\square + \square = \square$



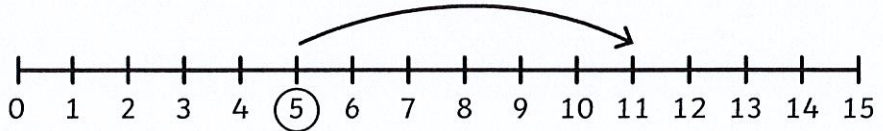
6. $\square + \square = \square$



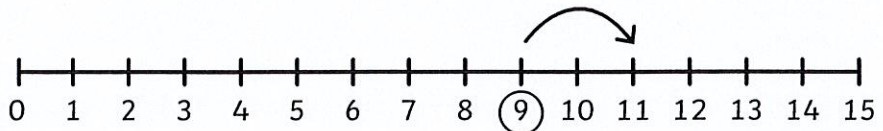
7. $\square + \square = \square$



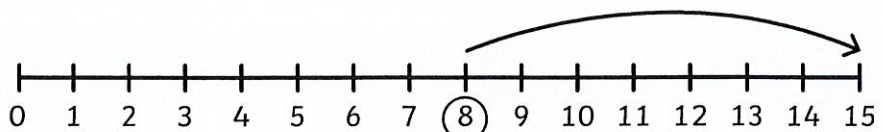
8. $\square + \square = \square$



9. $\square + \square = \square$

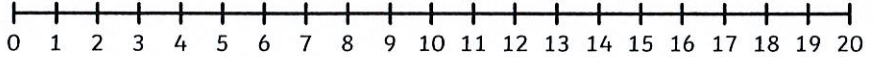


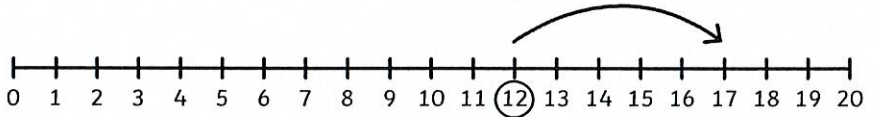
10. $\square + \square = \square$

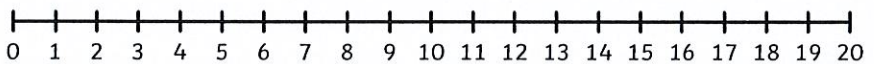


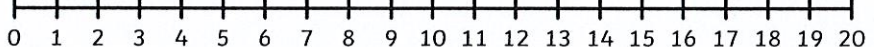
Addition to 20 on a Number Line - Sheet 3

Practise what you have learnt so far on a number line to 20 and progress to see if you can draw your own number line!

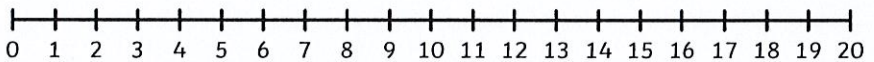
1. $11 + 4 = \square$ 

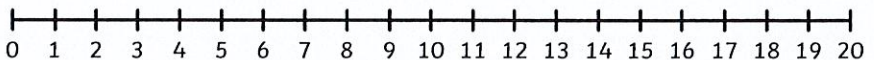
2. $\square + \square = \square$ 

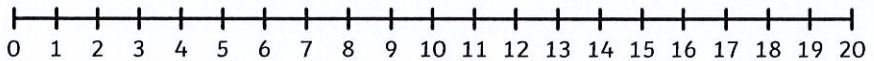
3. $8 + 9 = \square$ 

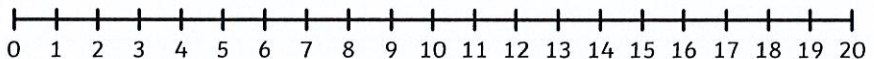
4. $6 + \square = 9$ 

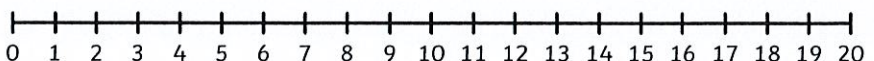
5. $\square + \square = \square$ 

6. $\square + 7 = 11$ 

7. $9 + 9 = \square$ 

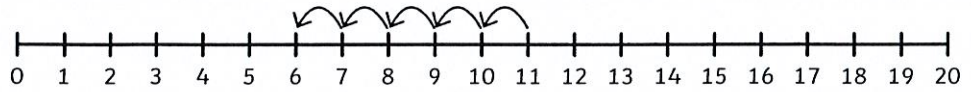
8. $12 + 3 = \square$ 

9. $7 + 9 = \square$ 

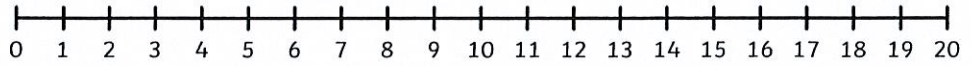
10. $13 + 5 = \square$ 

Subtraction within 20 on a Number Line

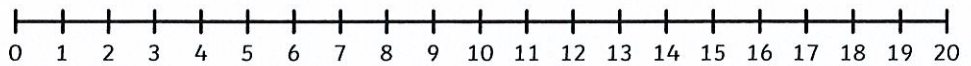
$11 - 5 =$



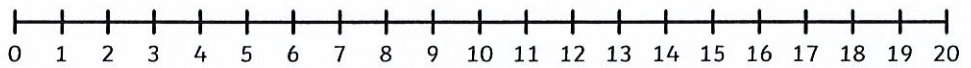
$10 - 7 =$



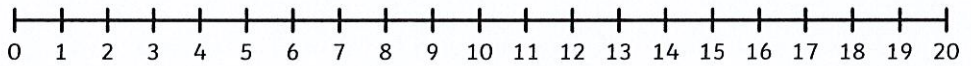
$8 - 4 =$



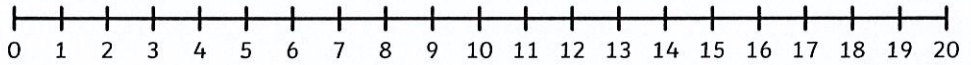
$9 - 5 =$



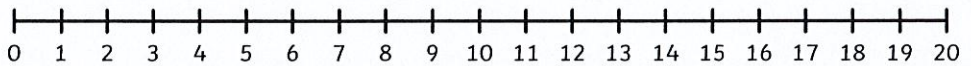
$13 - 2 =$



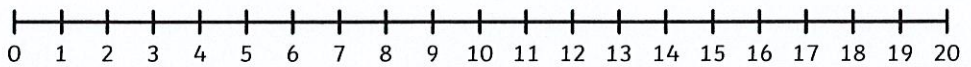
$7 - 4 =$



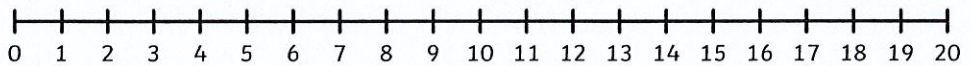
$19 - 8 =$



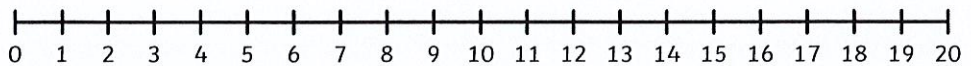
$20 - 1 =$



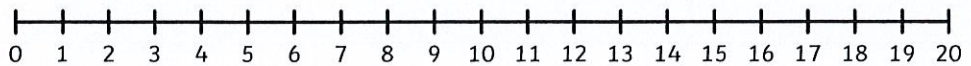
$14 - 3 =$



$16 - 3 =$



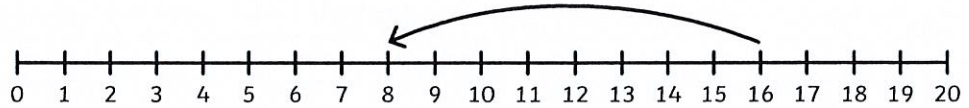
$12 - 6 =$



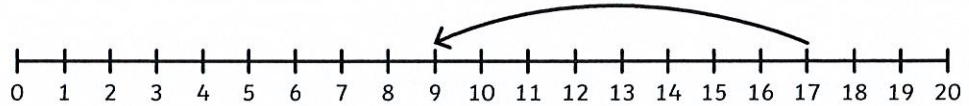
Subtraction within 20 on a Number Line - Sheet 2

Practise what you have learnt so far on a number line to 20 and progress to see if you can draw your own number line!

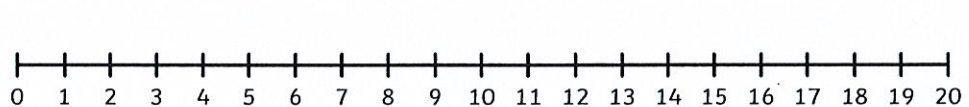
$$16 - 8 = 8$$



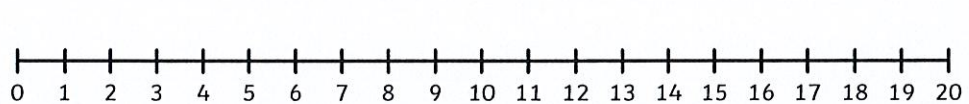
$$\square - \square = \square$$



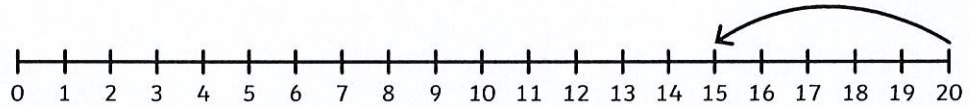
$$\square - \square = \square$$



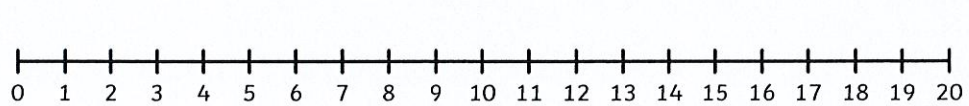
$$\square - \square = \square$$



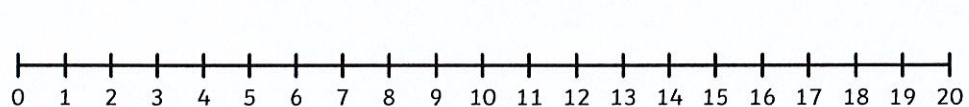
$$\square - \square = \square$$



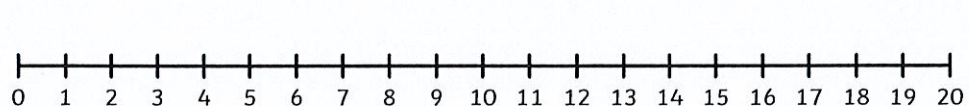
$$\square - \square = \square$$



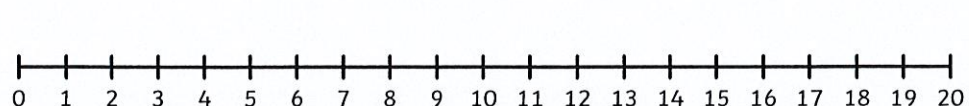
$$\square - \square = \square$$



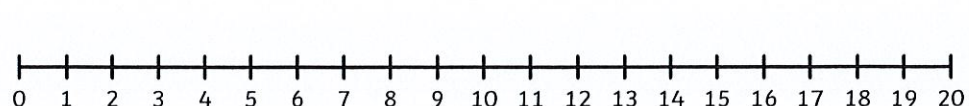
$$\square - \square = \square$$



$$\square - \square = \square$$



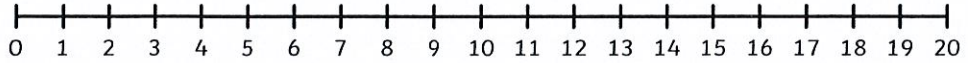
$$\square - \square = \square$$



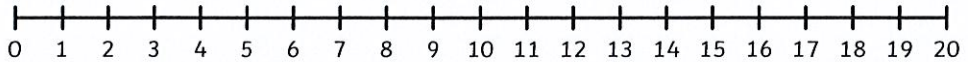
Subtraction within 20 on a Number Line - Sheet 3

Practise what you have learnt so far on a number line to 20 and progress to see if you can draw your own number line!

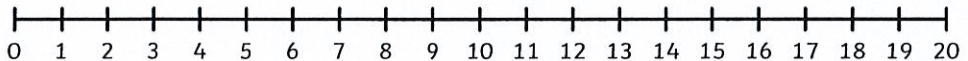
$8 - 3 =$



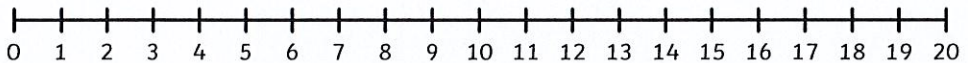
$7 - 5 =$



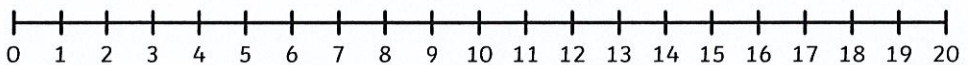
$9 - 8 =$



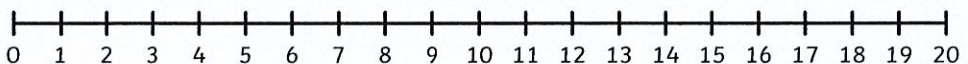
$8 - 6 =$



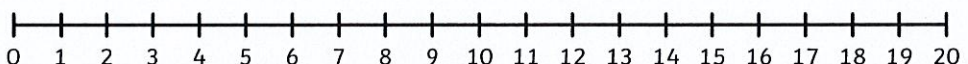
$10 - 4 =$



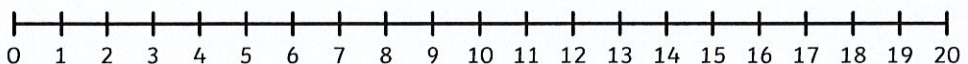
$11 - 9 =$



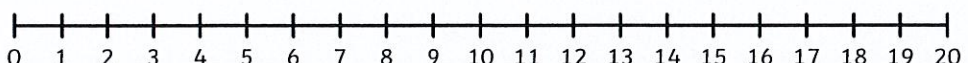
$20 - 15 =$



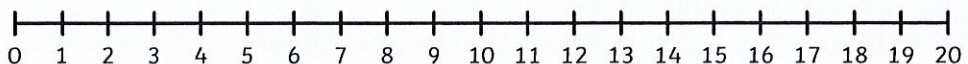
$12 - 7 =$



$14 - 2 =$



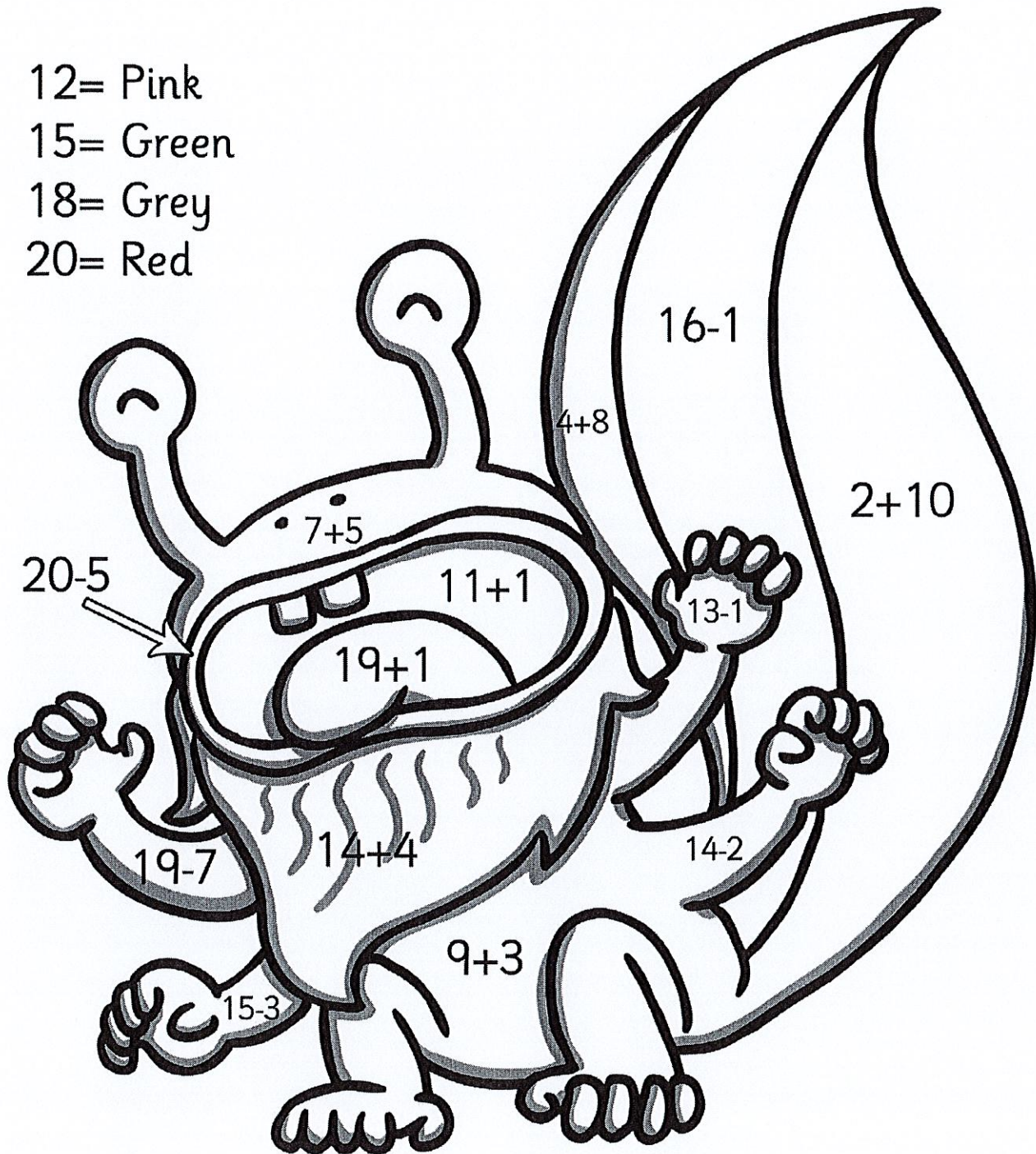
$16 - 1 =$



Monsters Colour by Number Addition and Subtraction up to 20

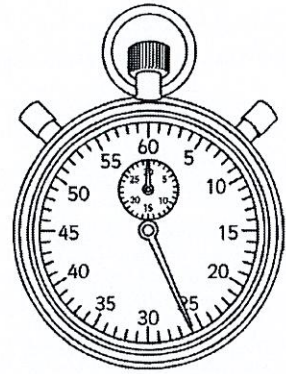
Solve the calculations in the picture to work out what colours they should be!

- 12= Pink
- 15= Green
- 18= Grey
- 20= Red



Addition and Subtraction Facts to 20 – Speed Test

See how long it takes you to complete all of these or give yourself a set amount of time (say 5 mins) and see how many you can do.



$6 + 6 =$	$8 - 6 =$	$9 - 3 =$	$13 - 4 =$	$4 - 1 =$
$14 + 5 =$	$2 + 17 =$	$7 - 4 =$	$4 + 9 =$	$4 - 2 =$
$9 - 7 =$	$3 + 9 =$	$15 - 1 =$	$20 - 10 =$	$10 - 5 =$
$2 + 11 =$	$3 + 1 =$	$14 - 7 =$	$17 + 2 =$	$2 + 3 =$
$2 + 15 =$	$3 - 2 =$	$9 + 3 =$	$6 + 4 =$	$15 - 6 =$
$7 - 3 =$	$11 + 5 =$	$8 - 5 =$	$7 + 8 =$	$4 + 6 =$
$10 + 10 =$	$18 - 4 =$	$3 + 4 =$	$20 - 19 =$	$4 + 9 =$
$8 - 2 =$	$10 + 0 =$	$8 + 8 =$	$14 + 2 =$	$7 - 2 =$
$11 + 1 =$	$13 - 5 =$	$17 - 2 =$	$9 - 4 =$	$19 + 1 =$
$14 - 1 =$	$12 - 9 =$	$3 + 7 =$	$5 + 5 =$	$15 - 9 =$

Correct answers:

Time:

Deriving Facts to 100

For each of the following, complete the number fact to 10 and then derive the number fact to 100. The first one has been done for you.

$7 + 2 = 9$

$7 - 4 =$

$70 + 20 = 90$

$70 - 40 =$

$4 + 6 =$

$3 + 6 =$

$40 + 60 =$

$30 + 60 =$

$5 - 3 =$

$8 - 3 =$

$50 - 30 =$

$80 - 30 =$

$10 - 7 =$

$9 + 1 =$

$100 - 70 =$

$90 + 10 =$

$5 + 4 =$

$3 - 2 =$

$50 + 40 =$

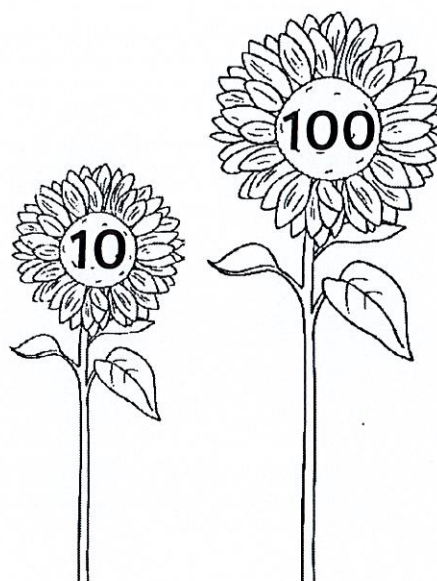
$30 - 20 =$

$9 - 8 =$

$10 - 5 =$

$90 - 80 =$

$100 - 50 =$



Use the appropriate number fact to ten mentally to derive the number fact to 100.

$50 + 50 =$

$40 + 30 =$

$60 - 40 =$

$80 - 30 =$

$10 + 80 =$

$20 + 60 =$

$90 - 60 =$

$50 - 40 =$

$20 + 80 =$

$80 - 70 =$

$40 + 40 =$

$70 - 20 =$

Adding 2-Digit Numbers and Ones Crossing 10

1. $5 + 6 =$ _____
 $15 + 6 =$ _____
 $45 + 6 =$ _____
 $65 + 6 =$ _____

2. $8 + 3 =$ _____
 $18 + 3 =$ _____
 $38 + 3 =$ _____
 $78 + 3 =$ _____

3. $6 + 8 =$ _____
 $16 + 8 =$ _____
 $46 + 8 =$ _____
 $96 + 8 =$ _____

4. $7 + 5 =$ _____
 $17 + 5 =$ _____
 $67 + 5 =$ _____
 $87 + 5 =$ _____

5. $5 + 9 =$ _____
 $15 + 9 =$ _____
 $55 + 9 =$ _____
 $85 + 9 =$ _____

6. $6 + 7 =$ _____
 $16 + 7 =$ _____
 $46 + 7 =$ _____
 $76 + 7 =$ _____

7. $9 + 3 =$ _____
 $19 + 3 =$ _____
 $59 + 3 =$ _____
 $99 + 3 =$ _____

8. $4 + 9 =$ _____
 $14 + 9 =$ _____
 $54 + 9 =$ _____
 $74 + 9 =$ _____

9. $7 + 8 =$ _____
 $17 + 8 =$ _____
 $57 + 8 =$ _____
 $97 + 8 =$ _____

10. $5 + 8 =$ _____
 $15 + 8 =$ _____
 $65 + 8 =$ _____
 $85 + 8 =$ _____

Adding 2-Digit Numbers and Ones Crossing 10

$7 + 4 =$ _____ $17 + 4 =$ _____ $47 + 4 =$ _____ $67 + 4 =$ _____	$8 + 6 =$ _____ $18 + 6 =$ _____ $28 + 6 =$ _____ $68 + 6 =$ _____
$6 + 8 =$ _____ $16 + 8 =$ _____ $56 + 8 =$ _____ $86 + 8 =$ _____	$7 + 6 =$ _____ $17 + 6 =$ _____ $47 + 6 =$ _____ $67 + 6 =$ _____
$12 + 2 =$ _____ $22 + 2 =$ _____ $62 + 2 =$ _____ $92 + 2 =$ _____	$9 + 7 =$ _____ $19 + 7 =$ _____ $39 + 7 =$ _____ $99 + 7 =$ _____
$11 + 3 =$ _____ $19 + 3 =$ _____ $59 + 3 =$ _____ $99 + 3 =$ _____	$4 + 8 =$ _____ $14 + 8 =$ _____ $44 + 8 =$ _____ $64 + 8 =$ _____
$9 + 8 =$ _____ $19 + 8 =$ _____ $49 + 8 =$ _____ $79 + 8 =$ _____	$5 + 8 =$ _____ $15 + 8 =$ _____ $65 + 8 =$ _____ $85 + 8 =$ _____

NAPLAN Preparation

Addition and Subtraction

Challenge Cards

Student outcomes:

Solve simple addition and subtraction problems using a range of efficient mental and written strategies (ACMNA030).

Solve problems by using number sentences for addition or subtraction (ACMNA036).

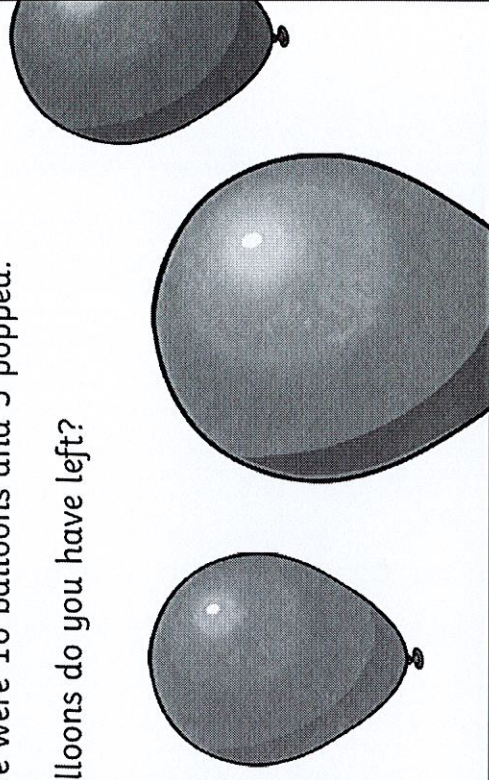


NAPLAN Preparation Addition and Subtraction Worded Challenge

Challenge 1:

You went to the shop and bought some balloons for Toby's Birthday. There were 16 balloons and 5 popped.

How many balloons do you have left?

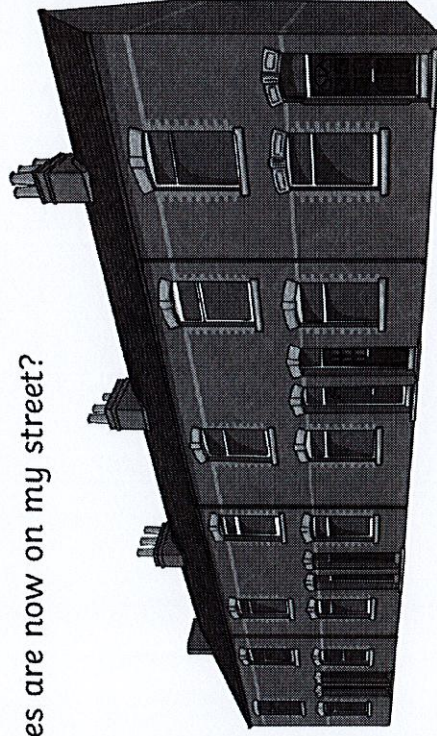


NAPLAN Preparation Addition and Subtraction Worded Challenge

Challenge 2:

On one side of my street there are 9 houses and on the other side there are 12 houses. This week 1 house was demolished.

How many houses are now on my street?

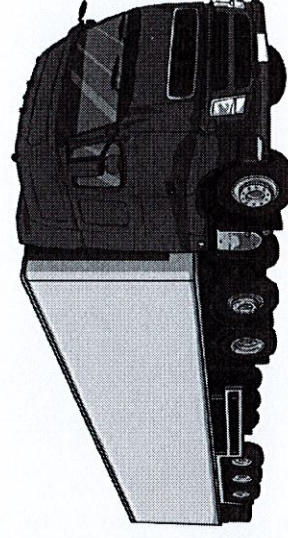


NAPLAN Preparation Addition and Subtraction Worded Challenge

Challenge 3:

Tristian bought 16 trucks at the toy shop and gave his friend Ethan 4 and his friend Cameron 7.

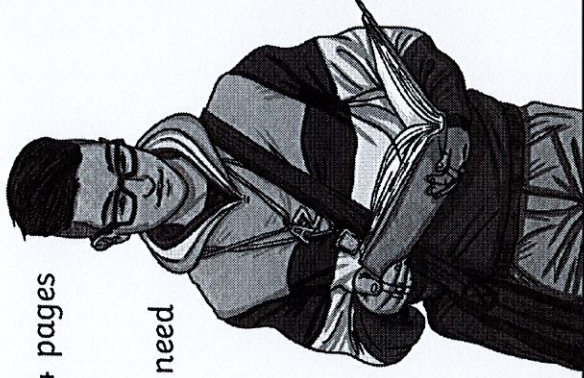
How many trucks does Tristian have now?



Challenge 4:

Michael went to the library and read 4 pages of his book. His book has 27 pages.

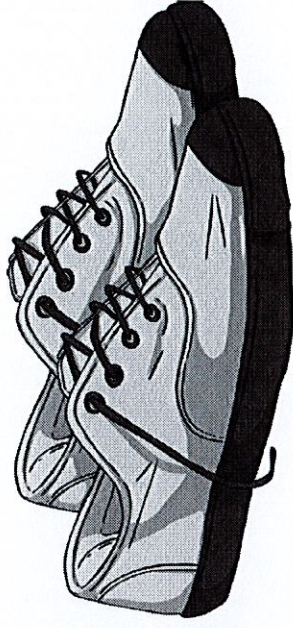
How many pages does Michael still need to read?



Challenge 5:

Rose bought a pair of shoes for \$45.

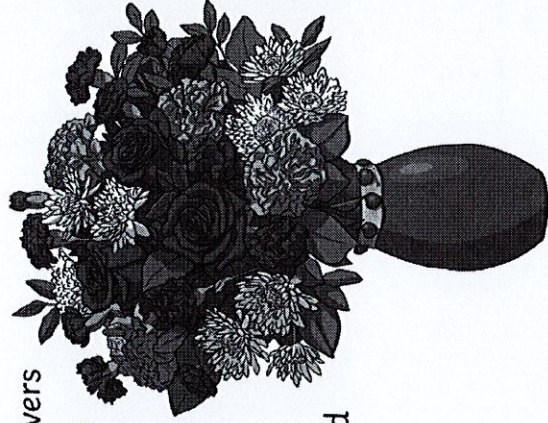
How much change will she get from \$50?



Challenge 6:

We went to the shop to buy some flowers for Mother's day. Liz picked up 2 bunches of pink flowers and Philip picked up 2 yellow bunches, 1 red bunch and 1 white bunch. Dad said to put the red ones back.

How many bunches of flowers did we buy?



Challenge 7:

Rebecca was baking scones for her grandmothers bowling club morning tea. On Sunday morning she baked 12 scones and on Sunday afternoon she baked 6 scones. On Monday she baked 12 scones.

How many scones had she baked altogether?

