

1

1 x 1 = 1
2 x 1 = 2
3 x 1 = 3
4 x 1 = 4
5 x 1 = 5
6 x 1 = 6
7 x 1 = 7
8 x 1 = 8
9 x 1 = 9
10 x 1 = 10
11 x 1 = 11
12 x 1 = 12

2

1 x 2 = 2
2 x 2 = 4
3 x 2 = 6
4 x 2 = 8
5 x 2 = 10
6 x 2 = 12
7 x 2 = 14
8 x 2 = 16
9 x 2 = 18
10 x 2 = 20
11 x 2 = 22
12 x 2 = 24

3

1 x 3 = 3
2 x 3 = 6
3 x 3 = 9
4 x 3 = 12
5 x 3 = 15
6 x 3 = 18
7 x 3 = 21
8 x 3 = 24
9 x 3 = 27
10 x 3 = 30
11 x 3 = 33
12 x 3 = 36

4

1 x 4 = 4
2 x 4 = 8
3 x 4 = 12
4 x 4 = 16
5 x 4 = 20
6 x 4 = 24
7 x 4 = 28
8 x 4 = 32
9 x 4 = 36
10 x 4 = 40
11 x 4 = 44
12 x 4 = 48

5

1 x 5 = 5
2 x 5 = 10
3 x 5 = 15
4 x 5 = 20
5 x 5 = 25
6 x 5 = 30
7 x 5 = 35
8 x 5 = 40
9 x 5 = 45
10 x 5 = 50
11 x 5 = 55
12 x 5 = 60

6

1 x 6 = 6
2 x 6 = 12
3 x 6 = 18
4 x 6 = 24
5 x 6 = 30
6 x 6 = 36
7 x 6 = 42
8 x 6 = 48
9 x 6 = 54
10 x 6 = 60
11 x 6 = 66
12 x 6 = 72

7

1 x 7 = 7
2 x 7 = 14
3 x 7 = 21
4 x 7 = 28
5 x 7 = 35
6 x 7 = 42
7 x 7 = 49
8 x 7 = 56
9 x 7 = 63
10 x 7 = 70
11 x 7 = 77
12 x 7 = 84

8

1 x 8 = 8
2 x 8 = 16
3 x 8 = 24
4 x 8 = 32
5 x 8 = 40
6 x 8 = 48
7 x 8 = 56
8 x 8 = 64
9 x 8 = 72
10 x 8 = 80
11 x 8 = 88
12 x 8 = 96

9

1 x 9 = 9
2 x 9 = 18
3 x 9 = 27
4 x 9 = 36
5 x 9 = 45
6 x 9 = 54
7 x 9 = 63
8 x 9 = 72
9 x 9 = 81
10 x 9 = 90
11 x 9 = 99
12 x 9 = 108

10

1 x 10 = 10
2 x 10 = 20
3 x 10 = 30
4 x 10 = 40
5 x 10 = 50
6 x 10 = 60
7 x 10 = 70
8 x 10 = 80
9 x 10 = 90
10 x 10 = 100
11 x 10 = 110
12 x 10 = 120

11

1 x 11 = 11
2 x 11 = 22
3 x 11 = 33
4 x 11 = 44
5 x 11 = 55
6 x 11 = 66
7 x 11 = 77
8 x 11 = 88
9 x 11 = 99
10 x 11 = 110
11 x 11 = 121
12 x 11 = 132

12

1 x 12 = 12
2 x 12 = 24
3 x 12 = 36
4 x 12 = 48
5 x 12 = 60
6 x 12 = 72
7 x 12 = 84
8 x 12 = 96
9 x 12 = 108
10 x 12 = 120
11 x 12 = 132
12 x 12 = 144

Times Tables Pack

2 TIMES TABLES

6

18

22

2

10

12

8

16

4

14

24

20

TR3

2 Times Table Activities

Count in 2s and colour in the grid:

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

Work out these answers:

a) $1 \times 2 =$ _____

b) $3 \times 2 =$ _____

c) $5 \times 2 =$ _____

d) $7 \times 2 =$ _____

e) $9 \times 2 =$ _____

f) $11 \times 2 =$ _____

g) $2 \times 2 =$ _____

h) $4 \times 2 =$ _____

i) $6 \times 2 =$ _____

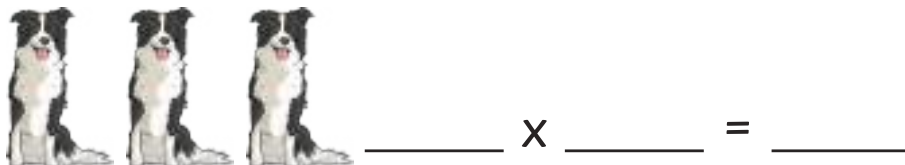
j) $8 \times 2 =$ _____

k) $10 \times 2 =$ _____

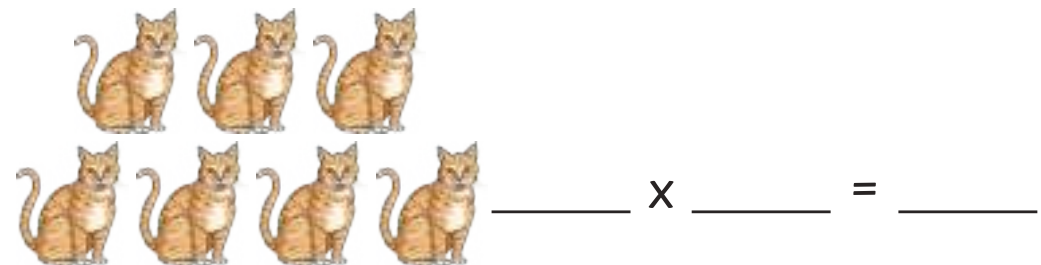
l) $12 \times 2 =$ _____

How many ears are there?

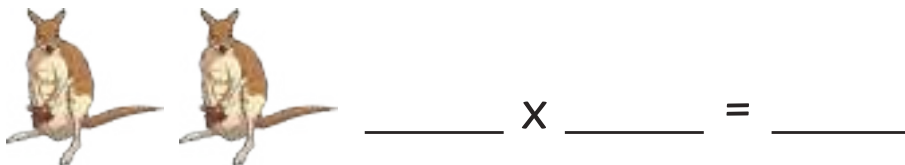
a)



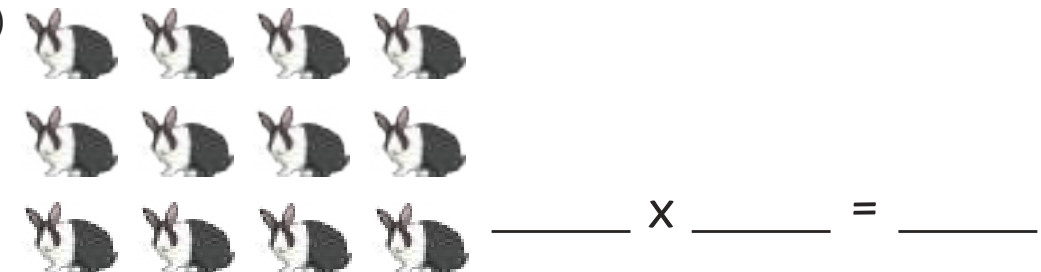
c)



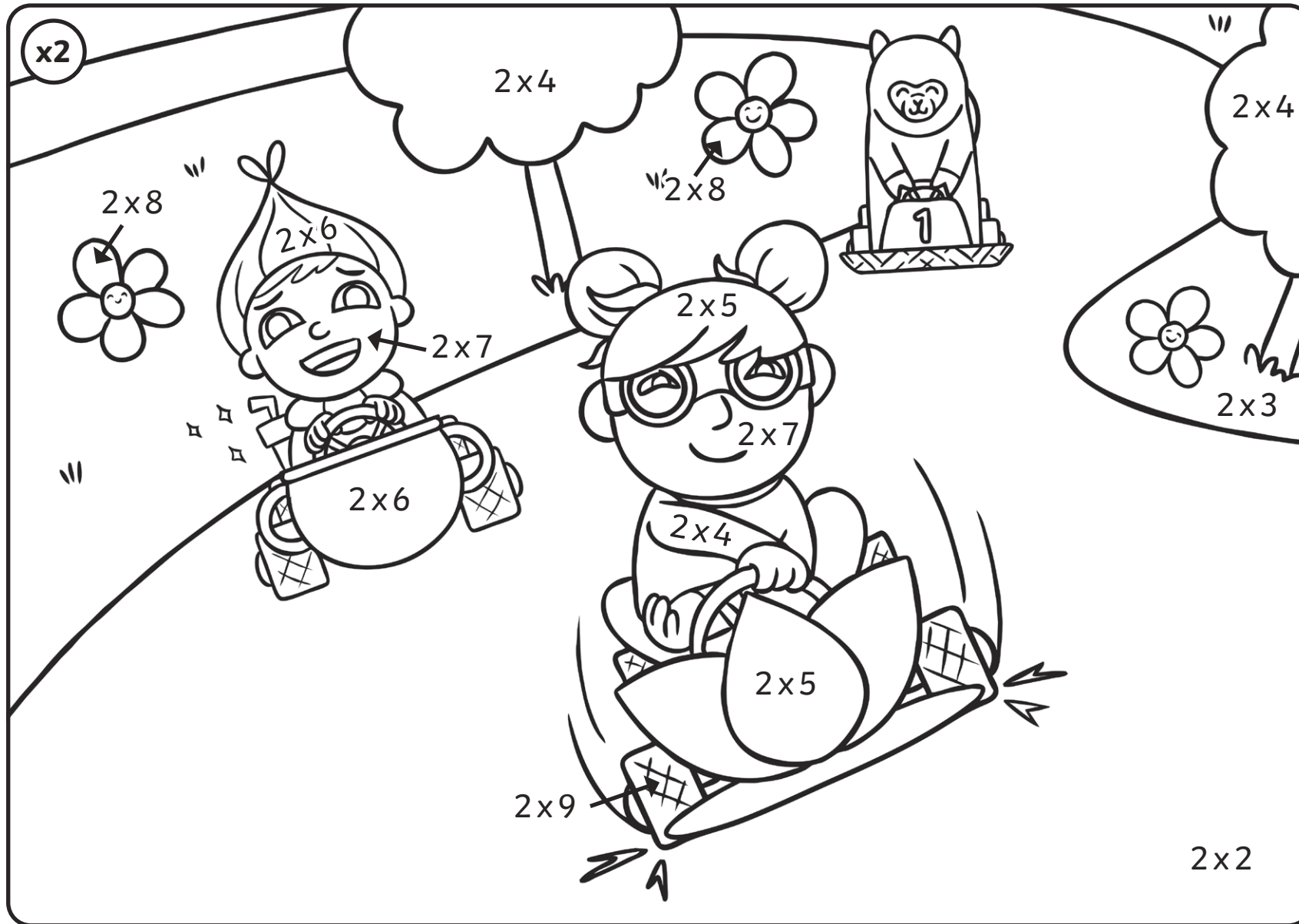
b)



d)



Colour by Multiplication

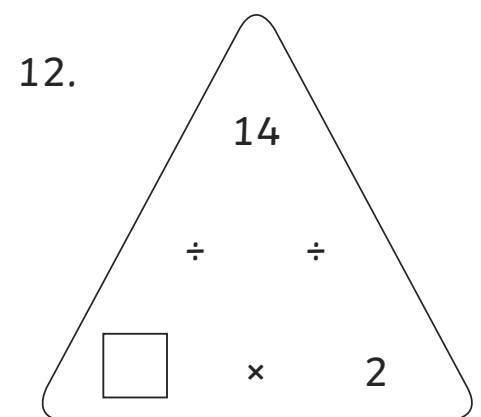
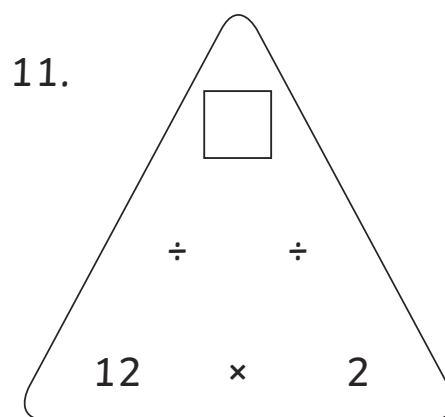
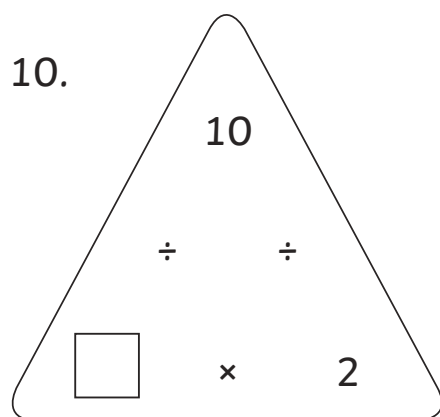
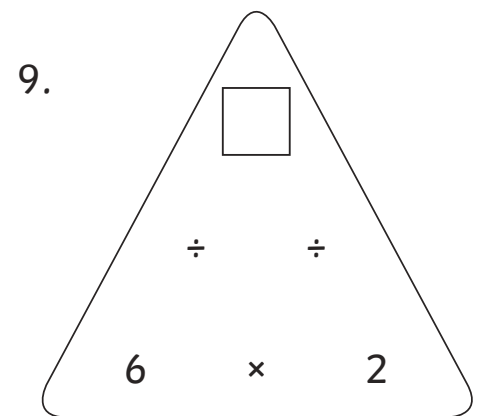
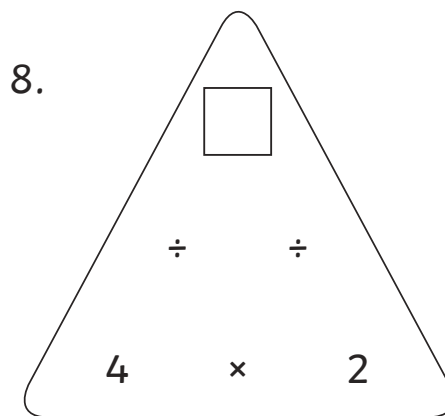
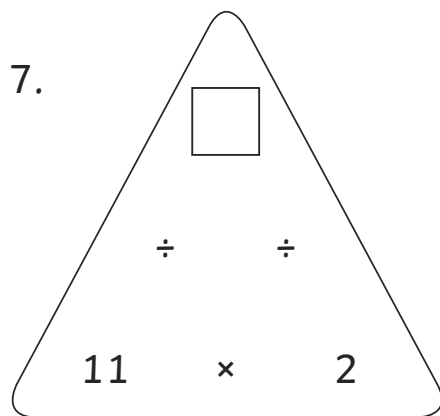
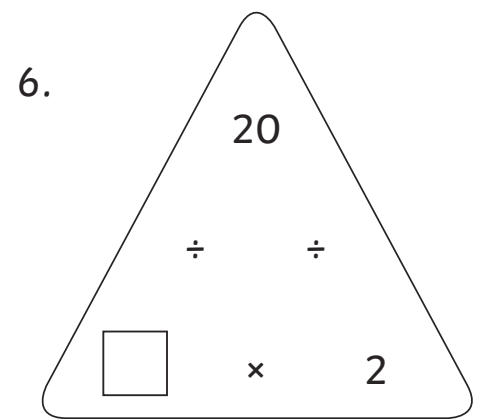
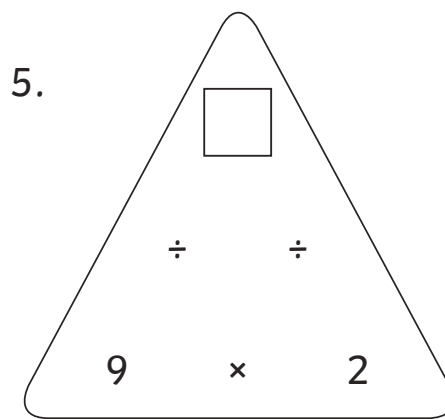
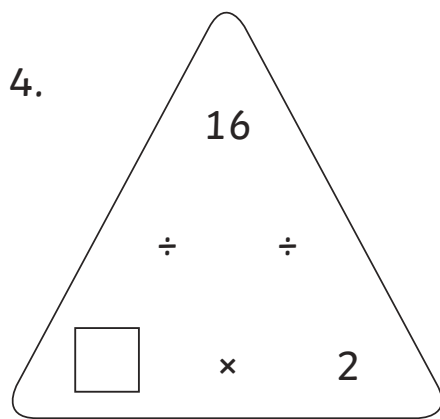
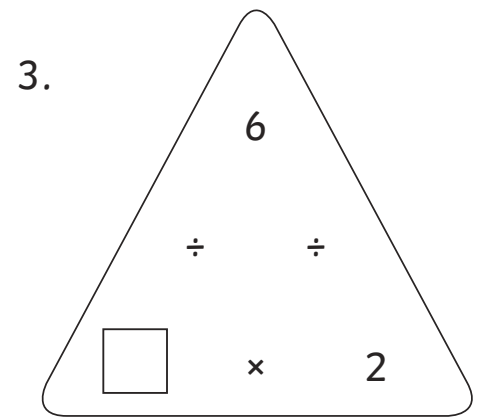
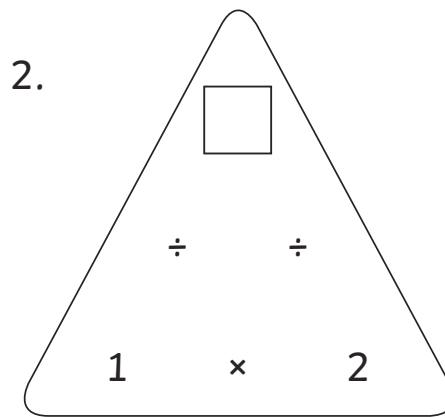
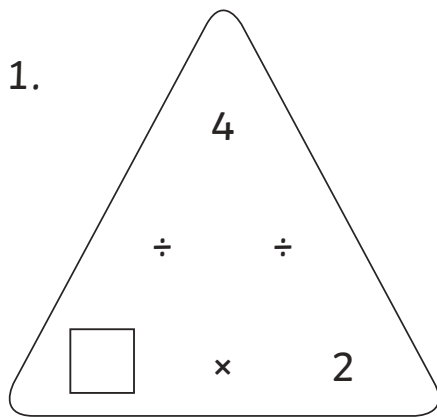


4	grey
6	light green
8	dark green
10	pink
12	orange
14	skin tone*
16	bright pink
18	black

*Choice of skin tone may vary.

Multiplication Triangles x2

Fill in the blanks in these multiplication triangles.



2 Times Table Maths Mastery Mat

Count the pairs of socks in twos.
How many are there altogether?



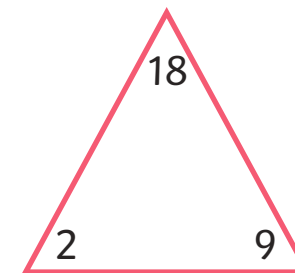
socks

A tomato plant grows 2cm a week.
How many weeks does it take the
plant to grow 24cm?

weeks



Complete the fact family.



$$\square \times \square = \square \quad \square \div \square = \square$$

$$\square \times \square = \square \quad \square \div \square = \square$$

Circle the calculations that
are correct.

$$3 \times 2 = 6$$

$$12 \div 2 = 7$$

$$2 \times 11 = 24$$

$$10 \div 5 = 2$$

$$2 \times 4 = 8$$

$$20 \div 2 = 10$$

Explain how you know
that this statement is
correct.



I know that 79 is
not a multiple of 2.

Draw an array to match
this calculation.

$$8 \times 2 = \square$$

2 Times Table Maths Mastery Mat

How much money is in the purse?

p



Complete the number statements by using a $<$, $>$ or $=$ symbol.



$$4 \times 2 \quad \square \quad 2 + 2 + 2 + 2$$

$$6 \times 2 \quad \square \quad 2 + 2 + 2 + 2$$

Draw a model to match the sentence.

There are 3 equal groups of 2.

Fill in the missing boxes.

$$18 \div \square = 9$$

$$\square \times 2 = 22$$

$$\square = 8 \times 2$$



Solve this problem.

The farmer owns double the number of sheep compared to cows.

If the farmer has 24 sheep, how many cows does he own?



COWS

Complete the number sequences.

46		50	52		
----	----------------------	----	----	----------------------	----------------------

	10	8			
----------------------	----	---	----------------------	----------------------	----------------------

Times Table Speed Challenge ×2

Name _____



×2 Set 1	×2 Set 2	×2 Set 3	×2 Set 4	×2 Set 5
$2 \times 1 =$	$2 \times 3 =$	$3 \times 2 =$	$4 \times 2 =$	$7 \times 2 =$
$4 \times 2 =$	$9 \times 2 =$	$2 \times 7 =$	$10 \times 2 =$	$2 \times 2 =$
$2 \times 6 =$	$2 \times 5 =$	$2 \times 2 =$	$5 \times 2 =$	$2 \times 4 =$
$8 \times 2 =$	$7 \times 2 =$	$6 \times 2 =$	$12 \times 2 =$	$2 \times 6 =$
$2 \times 10 =$	$2 \times 12 =$	$10 \times 2 =$	$2 \times 1 =$	$2 \times 3 =$
$2 \times 2 =$	$2 \times 2 =$	$1 \times 2 =$	$2 \times 11 =$	$12 \times 2 =$
$2 \times 3 =$	$4 \times 2 =$	$2 \times 5 =$	$2 \times 2 =$	$2 \times 9 =$
$5 \times 2 =$	$10 \times 2 =$	$2 \times 12 =$	$6 \times 2 =$	$8 \times 2 =$
$2 \times 7 =$	$2 \times 6 =$	$4 \times 2 =$	$2 \times 8 =$	$1 \times 2 =$
$9 \times 2 =$	$2 \times 1 =$	$8 \times 2 =$	$3 \times 2 =$	$2 \times 5 =$
Time:	Time:	Time:	Time:	Time:
Score:	Score:	Score:	Score:	Score:

5 TIMES TABLES

25

60

35

5

40

10

50

20

45

15

55

30

TRZ

5 Times Table Activities

Count in 5s and colour in the grid:

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

Work out these answers:

a) $2 \times 5 =$ _____ d) $6 \times 5 =$ _____

b) $4 \times 5 =$ _____ e) $7 \times 5 =$ _____

c) $5 \times 5 =$ _____ f) $1 \times 5 =$ _____

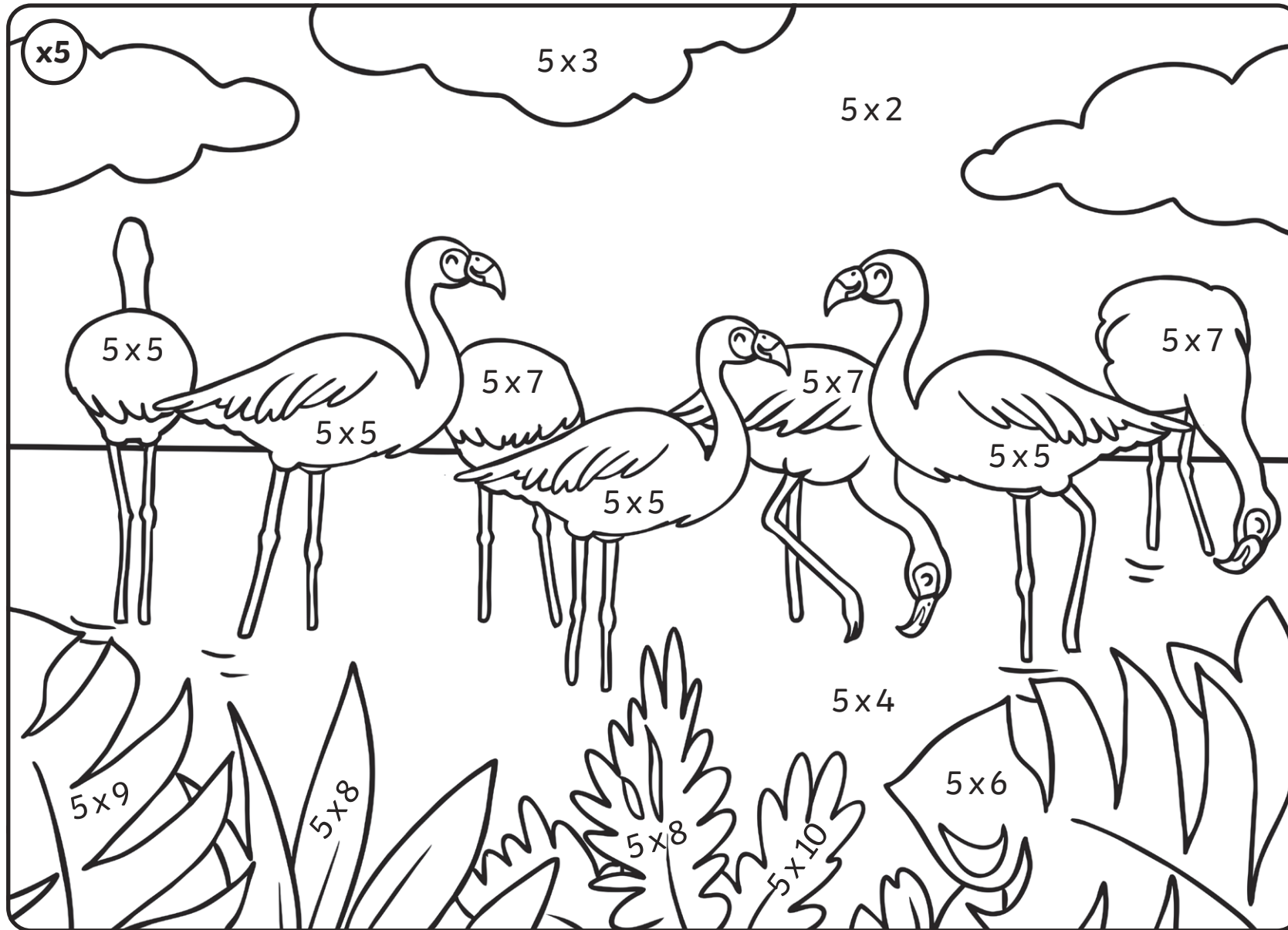
How many are there?

a)  _____ $\times$ _____ = _____

b)  _____ $\times$ _____ = _____

c)  _____ $\times$ _____ = _____

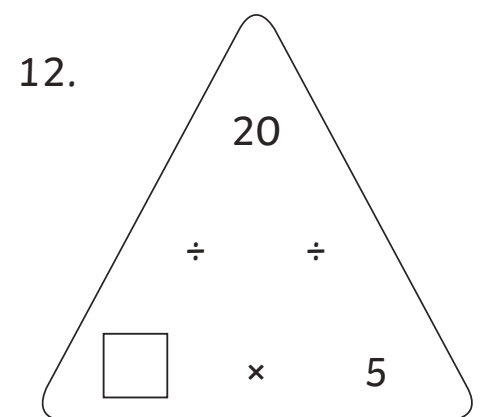
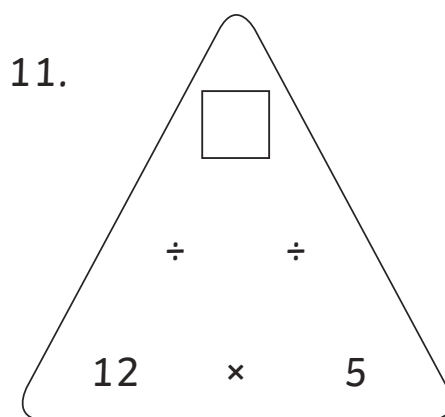
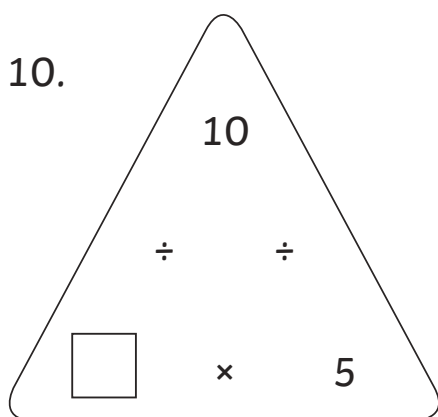
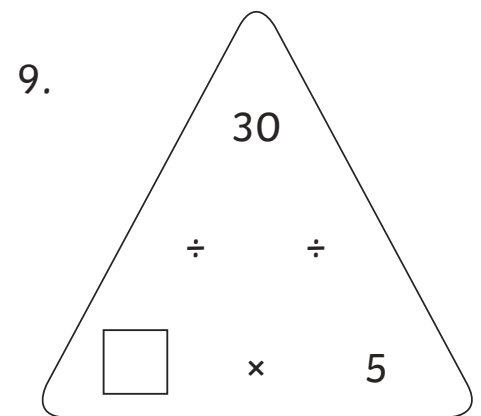
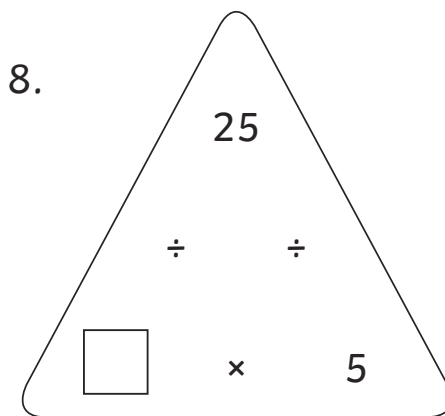
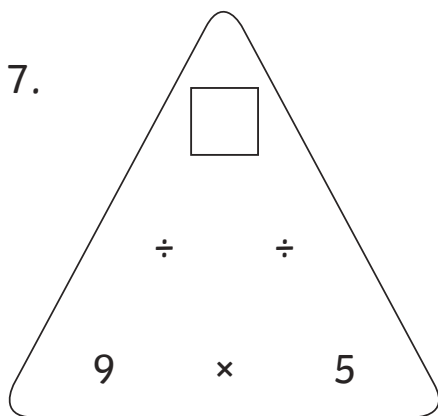
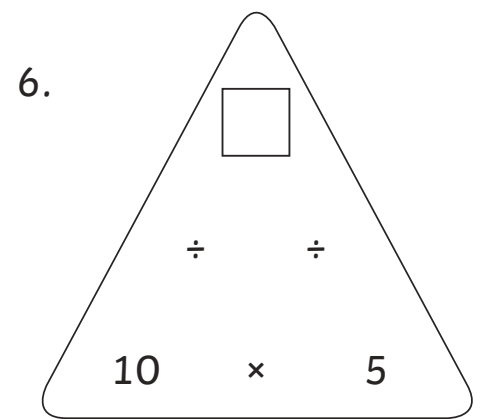
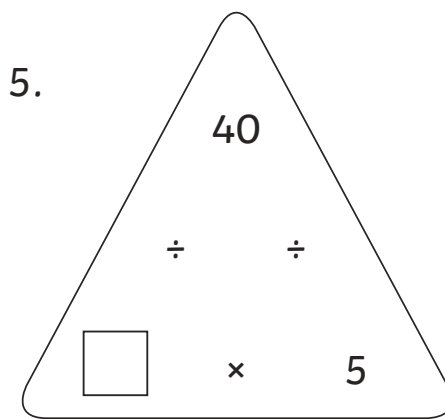
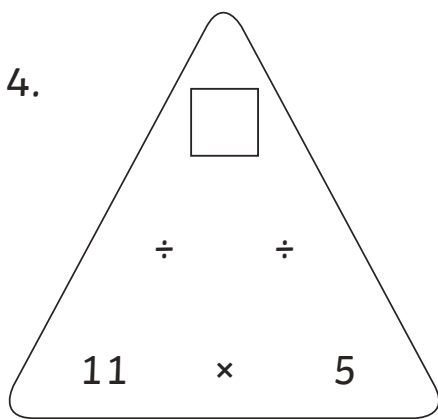
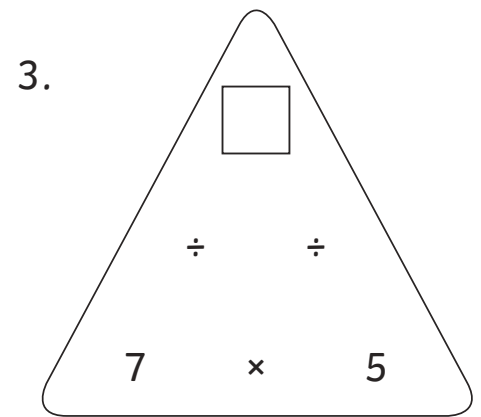
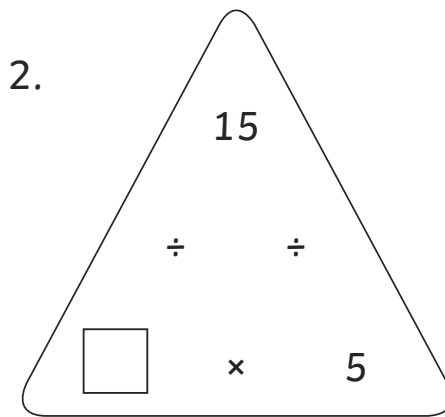
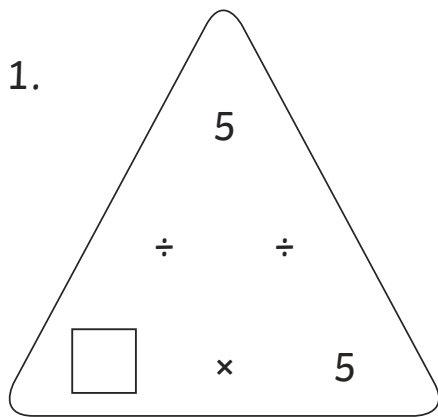
Colour by Multiplication



10	light purple
15	white
20	dark purple
25	pink
30	dark green
35	pink
40	bright green
45	dark turquoise
50	light green

Multiplication Triangles x5

Fill in the blanks in these multiplication triangles.

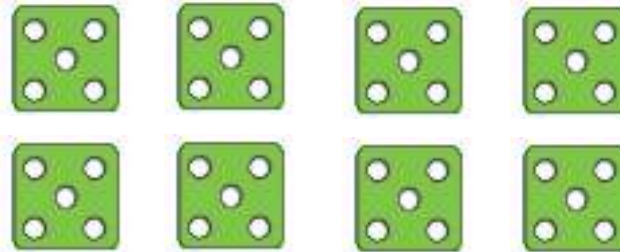


5 Times Table Maths Mastery Mat

Draw an array to calculate the answer to this calculation.

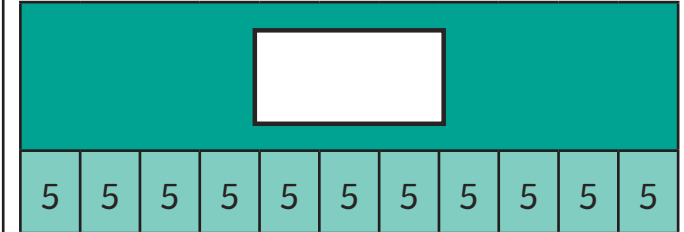
$$4 \times 5 = \boxed{}$$

Write a multiplication sentence to match this image.



$$\boxed{} \times \boxed{} = \boxed{}$$

Complete the bar model.



Fill in the missing boxes.

$$45 \div \boxed{} = 5$$

$$\boxed{} \times 5 = 15$$

$$\boxed{} = 12 \times 5$$

Solve this problem.

Felix only has 5p coins in his money box.

He has 35p altogether.

How many 5p coins are there in his money box?

Complete the number sequences.

25		35	40		
----	--	----	----	--	--

	20	15			
--	----	----	--	--	--

5 Times Table Maths Mastery Mat

Complete the calculations.

$$5 \times \square = 35$$

$$35 = \square \times 7$$

$$\square = 7 \times 5$$

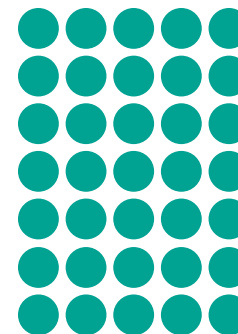
True or false?



All multiples of 5 are multiples of 10.

Explain your answer.

Circle the calculations that are represented by this array.



$$5 \times 7 = 35$$

$$40 \div 5 = 8$$

$$6 \times 5 = 30$$

$$7 = 35 \div 5$$

If 1 strawberry weighs 12g, what is the weight of 5 strawberries?



g

Solve this problem.

It takes 5 hours for Dad to travel to and from work every day.

If Dad works Monday to Friday. How many hours does he spend travelling altogether?

hours

Guess my number.

My number is a 2-digit number.

It is multiple of 5 but not a multiple of 10.

It has an odd tens digit.

The digit total is less than 10.

What is my number?

Times Table Speed Challenge $\times 5$

Name _____



$\times 5$ Set 1	$\times 5$ Set 2	$\times 5$ Set 3	$\times 5$ Set 4	$\times 5$ Set 5
$5 \times 3 =$	$6 \times 5 =$	$5 \times 6 =$	$5 \times 10 =$	$2 \times 5 =$
$5 \times 7 =$	$5 \times 2 =$	$5 \times 1 =$	$5 \times 5 =$	$4 \times 5 =$
$11 \times 5 =$	$5 \times 4 =$	$8 \times 5 =$	$6 \times 5 =$	$11 \times 5 =$
$5 \times 1 =$	$5 \times 11 =$	$4 \times 5 =$	$5 \times 2 =$	$5 \times 7 =$
$8 \times 5 =$	$5 \times 5 =$	$5 \times 3 =$	$5 \times 11 =$	$5 \times 3 =$
$2 \times 5 =$	$7 \times 5 =$	$10 \times 5 =$	$3 \times 5 =$	$5 \times 12 =$
$5 \times 5 =$	$1 \times 5 =$	$12 \times 5 =$	$7 \times 5 =$	$5 \times 6 =$
$12 \times 5 =$	$5 \times 12 =$	$2 \times 5 =$	$5 \times 4 =$	$5 \times 1 =$
$4 \times 5 =$	$5 \times 10 =$	$5 \times 7 =$	$5 \times 12 =$	$8 \times 5 =$
$5 \times 6 =$	$3 \times 5 =$	$5 \times 5 =$	$1 \times 5 =$	$5 \times 5 =$
Time:	Time:	Time:	Time:	Time:
Score:	Score:	Score:	Score:	Score:

10 TIMES TABLES

60

10

120

110

90

80

100

70

40

30

20

50

TRZ

10 Times Table Activities

Count in 10s and colour in the grid:

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
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130

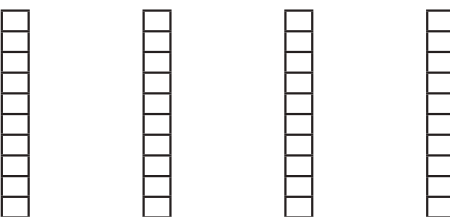
Work out these answers:

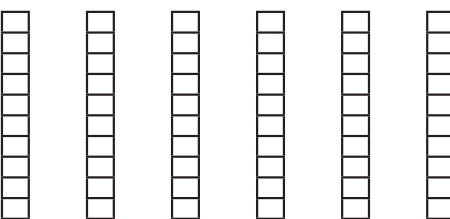
a) $2 \times 10 =$ _____ d) $6 \times 10 =$ _____

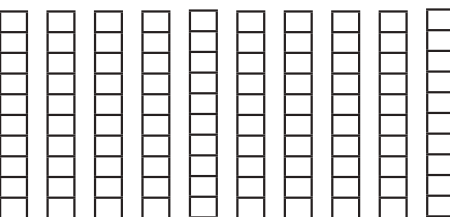
b) $10 \times 10 =$ _____ e) $12 \times 10 =$ _____

c) $5 \times 10 =$ _____ f) $9 \times 10 =$ _____

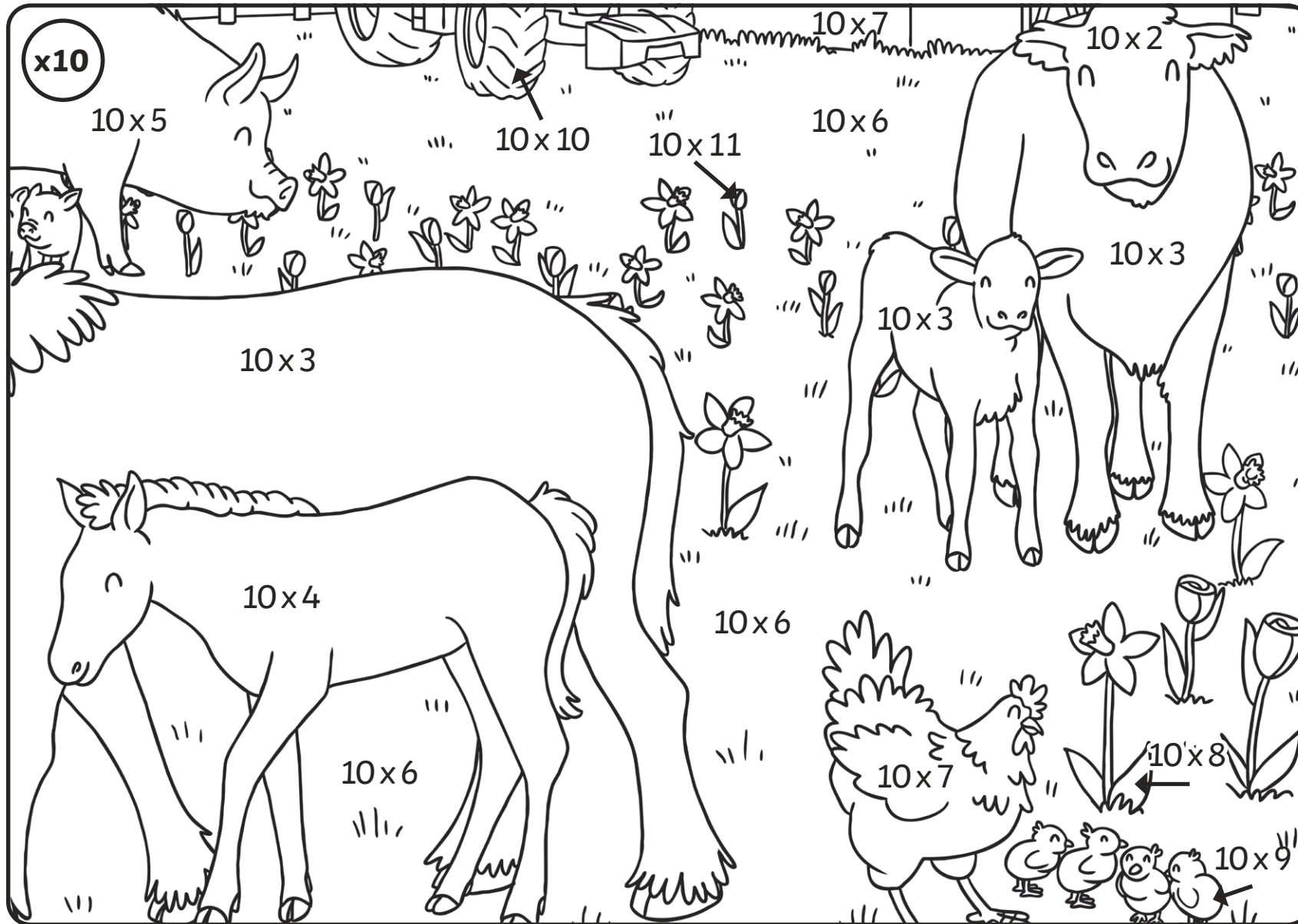
How many cubes are there? There are 10 cubes per stack.

a)  _____ $\times$ _____ = _____

b)  _____ $\times$ _____ = _____

c)  _____ $\times$ _____ = _____

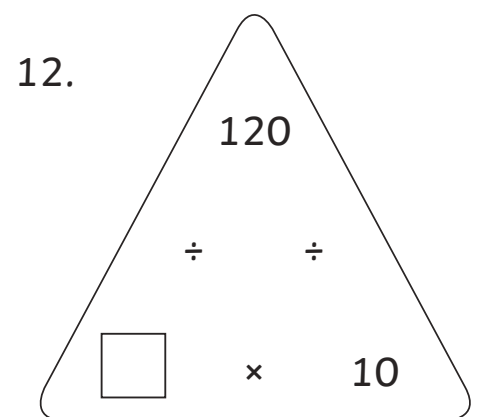
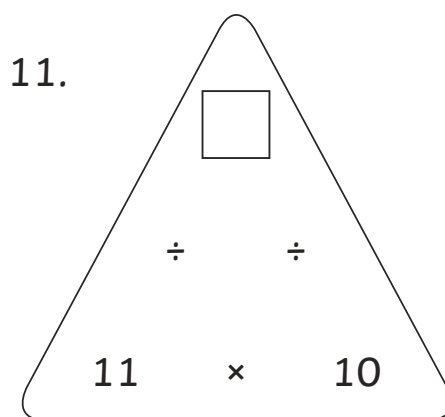
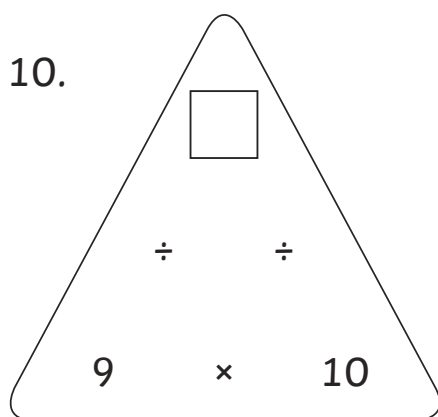
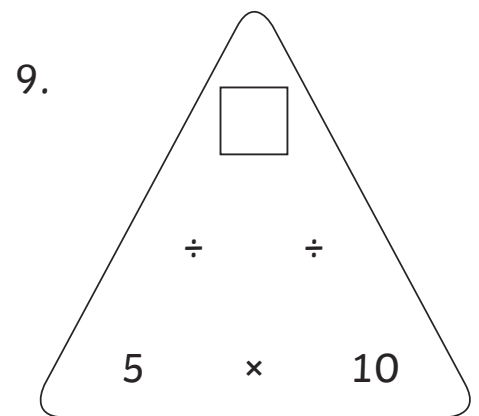
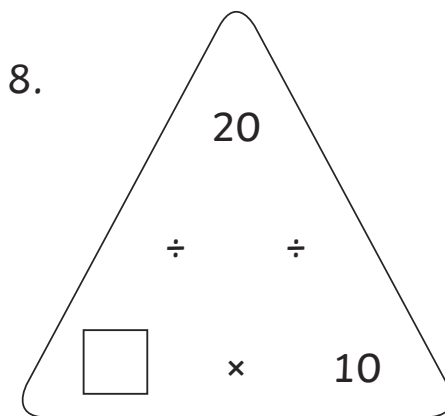
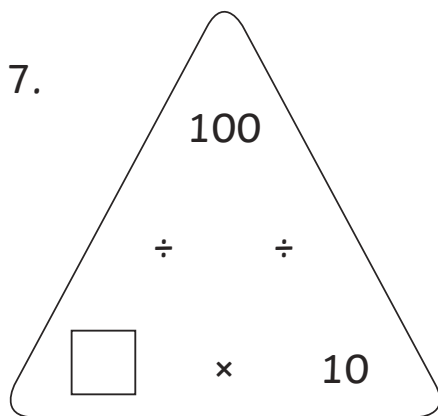
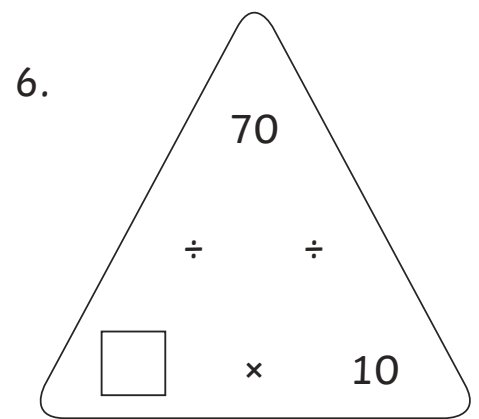
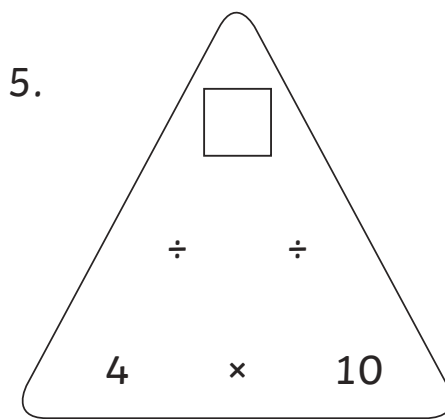
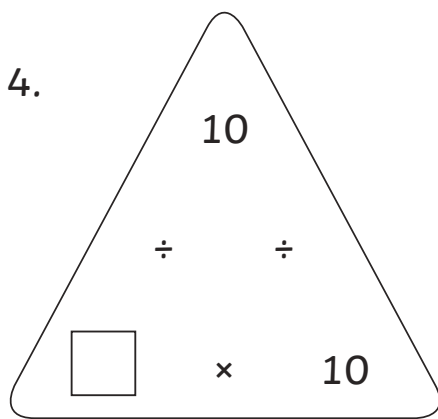
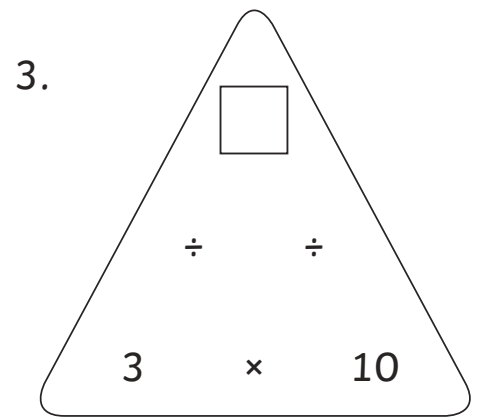
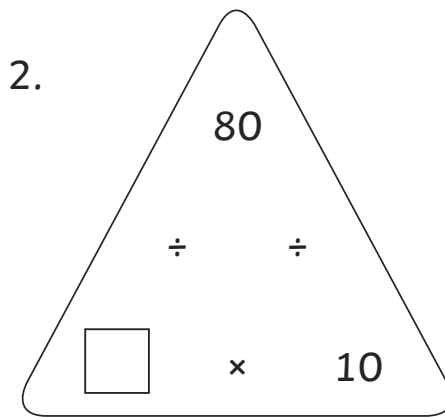
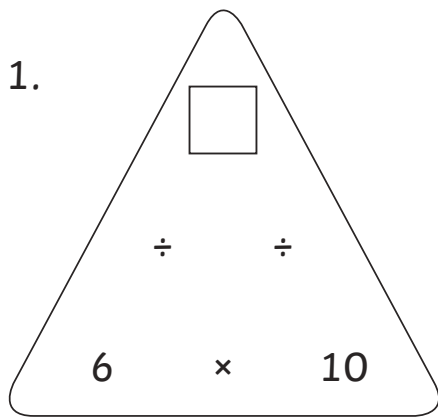
Colour by Multiplication



20	white
30	brown
40	light brown
50	pink
60	light green
70	red
80	dark green
90	yellow
100	black
110	orange

Multiplication Triangles x10

Fill in the blanks in these multiplication triangles.



10 Times Table Maths Mastery Mat

Complete the fact family.

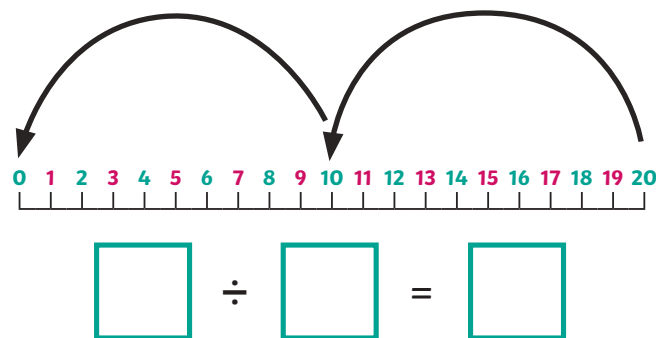
$$9 \times 10 = \square$$

$$\square \times \square = \square$$

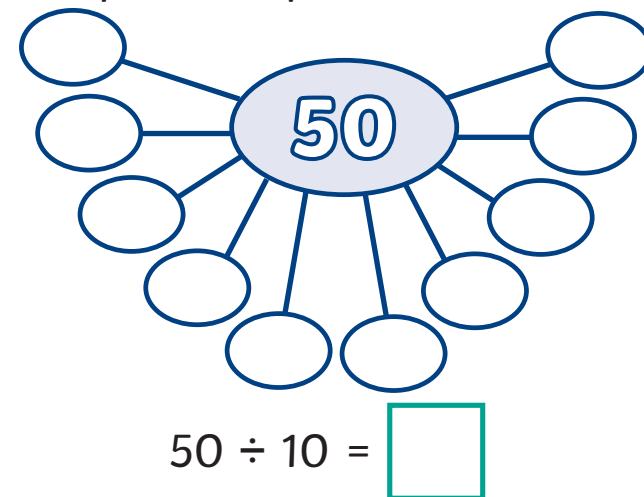
$$\square \div \square = \square$$

$$\square \div \square = \square$$

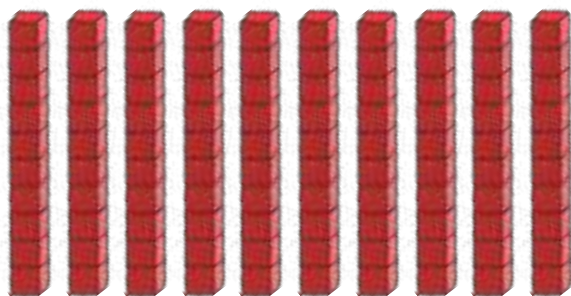
Write a division calculation to match the number line.



Complete the part-whole model.



Write a multiplication calculation to match this image.



$$\square \times \square = \square$$

Solve this problem.

Mia ran 10 miles. Fred ran double the distance.

How far did Fred run?

$\square$ miles

Circle the numbers that are **not** multiples of 10.

60	25
100	101
80	51
120	40

10 Times Table Maths Mastery Mat

Complete the sentence and calculation to match the array.



There are ____ equal rows of ____.

There are ____ equal columns of ____.

$$\boxed{} \times \boxed{} = \boxed{}$$

It takes 7 minutes to travel to school in the car and 10 times longer to walk to school.

How many minutes does it take to walk to school?



minutes

Convert the measurements in the table.

mm	cm
	6
110	
	9

10mm = 1cm

Write the missing numbers in the empty boxes.

$$120 \div \boxed{} = 10$$

$$\boxed{} \times 5 = 50$$

$$\boxed{} \div 4 = 10$$

Solve this problem.

Cupcakes are packed into boxes of 10. The baker has 200 cupcakes to pack.

How many boxes will they need?



Identify the value of the star and the heart. Write the values in the box below.

$$80 = \heartsuit \times \star$$

$$\star + \star + \star = 30$$



=



=

Times Table Speed Challenge $\times 10$

Name _____



$\times 10$ Set 1	$\times 10$ Set 2	$\times 10$ Set 3	$\times 10$ Set 4	$\times 10$ Set 5
$1 \times 10 =$	$10 \times 1 =$	$3 \times 10 =$	$10 \times 3 =$	$5 \times 10 =$
$10 \times 2 =$	$2 \times 10 =$	$10 \times 8 =$	$10 \times 10 =$	$10 \times 2 =$
$10 \times 10 =$	$10 \times 12 =$	$9 \times 10 =$	$10 \times 5 =$	$10 \times 11 =$
$3 \times 10 =$	$9 \times 10 =$	$10 \times 4 =$	$4 \times 10 =$	$3 \times 10 =$
$10 \times 6 =$	$10 \times 3 =$	$1 \times 10 =$	$6 \times 10 =$	$10 \times 6 =$
$10 \times 11 =$	$11 \times 10 =$	$10 \times 11 =$	$10 \times 1 =$	$9 \times 10 =$
$9 \times 10 =$	$10 \times 10 =$	$10 \times 2 =$	$11 \times 10 =$	$10 \times 10 =$
$10 \times 4 =$	$10 \times 5 =$	$5 \times 10 =$	$10 \times 7 =$	$10 \times 8 =$
$5 \times 10 =$	$4 \times 10 =$	$10 \times 10 =$	$10 \times 12 =$	$1 \times 10 =$
$10 \times 8 =$	$10 \times 7 =$	$10 \times 6 =$	$2 \times 10 =$	$10 \times 4 =$
Time:	Time:	Time:	Time:	Time:
Score:	Score:	Score:	Score:	Score:

Times Table Speed Challenge $\times 2$, $\times 5$ and $\times 10$

Name _____



$\times 2, 5, 10$ Set 1	$\times 2, 5, 10$ Set 2	$\times 2, 5, 10$ Set 3	$\times 2, 5, 10$ Set 4	$\times 2, 5, 10$ Set 5
$2 \times 6 =$	$10 \times 7 =$	$2 \times 2 =$	$2 \times 5 =$	$2 \times 10 =$
$7 \times 2 =$	$4 \times 5 =$	$10 \times 9 =$	$2 \times 2 =$	$5 \times 1 =$
$8 \times 5 =$	$2 \times 1 =$	$5 \times 3 =$	$11 \times 2 =$	$4 \times 10 =$
$10 \times 5 =$	$11 \times 2 =$	$4 \times 2 =$	$10 \times 1 =$	$10 \times 10 =$
$2 \times 3 =$	$6 \times 5 =$	$2 \times 8 =$	$10 \times 11 =$	$4 \times 2 =$
$12 \times 10 =$	$10 \times 10 =$	$12 \times 5 =$	$5 \times 9 =$	$5 \times 5 =$
$9 \times 2 =$	$10 \times 3 =$	$8 \times 10 =$	$6 \times 10 =$	$5 \times 11 =$
$2 \times 5 =$	$10 \times 5 =$	$4 \times 5 =$	$4 \times 5 =$	$10 \times 3 =$
$5 \times 5 =$	$2 \times 12 =$	$10 \times 11 =$	$2 \times 5 =$	$7 \times 2 =$
$4 \times 2 =$	$5 \times 7 =$	$10 \times 3 =$	$10 \times 3 =$	$11 \times 2 =$
Time:	Time:	Time:	Time:	Time:
Score:	Score:	Score:	Score:	Score:

3 TIMES TABLES

9

24

3

15

21

12

6

36

30

18

27

33

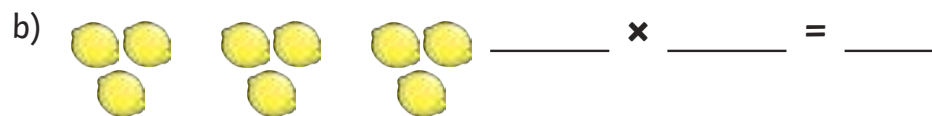
TR

3 Times Table Activities

Count in 3s and colour in the grid:

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

How many pieces of fruit are there?



Work out these answers:

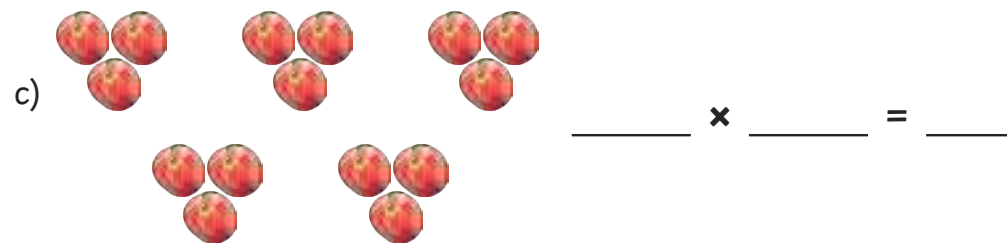
a) $3 \times 4 =$ _____ f) $3 \times 6 =$ _____

b) $3 \times 3 =$ _____ g) $3 \times 7 =$ _____

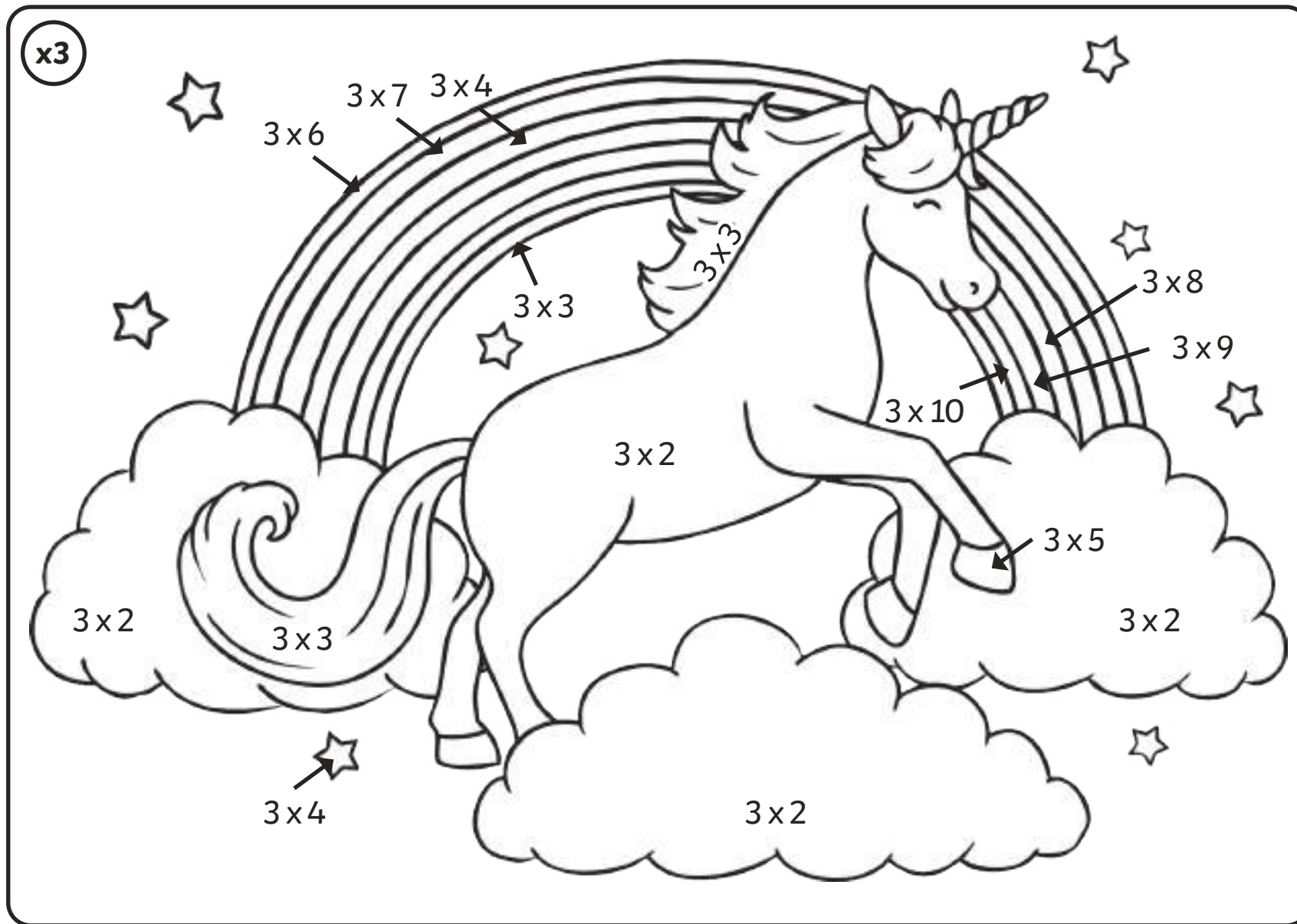
c) $3 \times 5 =$ _____ h) $3 \times 1 =$ _____

d) $3 \times 2 =$ _____ i) $3 \times 11 =$ _____

e) $3 \times 9 =$ _____ j) $3 \times 8 =$ _____



Colour by Multiplication

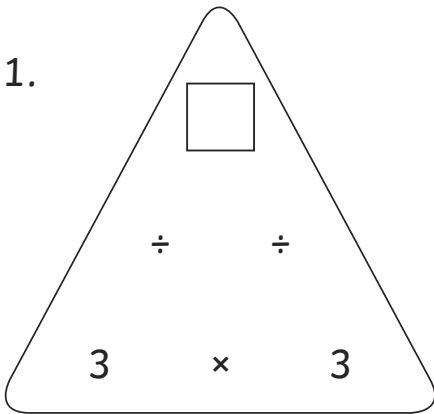


6	white
9	light pink
12	yellow
15	peach
18	red
21	orange
24	green
27	blue
30	purple

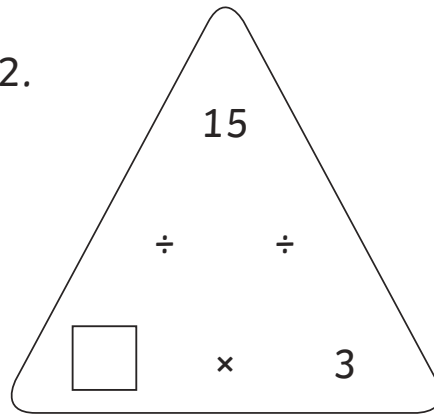
Multiplication Triangles x3

Fill in the blanks in these multiplication triangles.

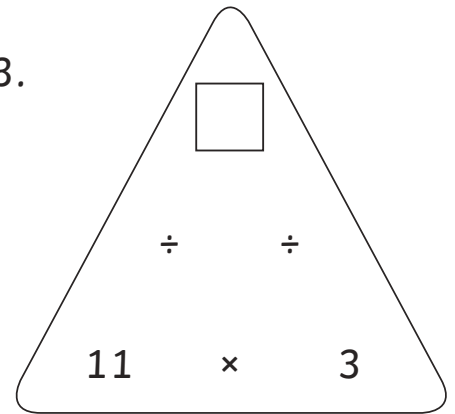
1.



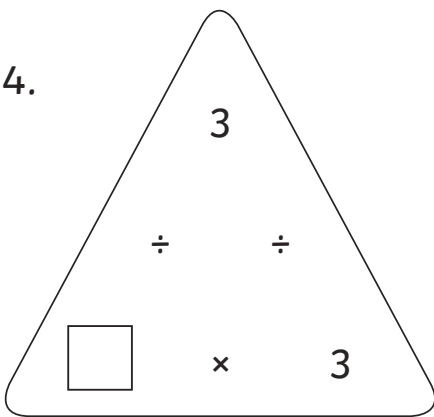
2.



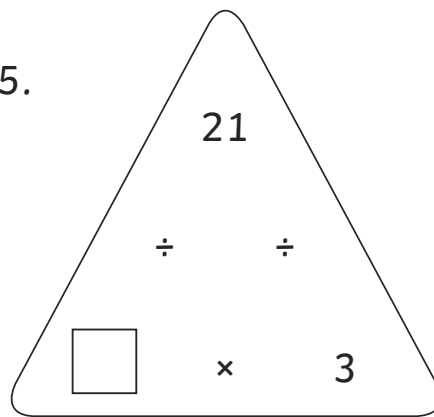
3.



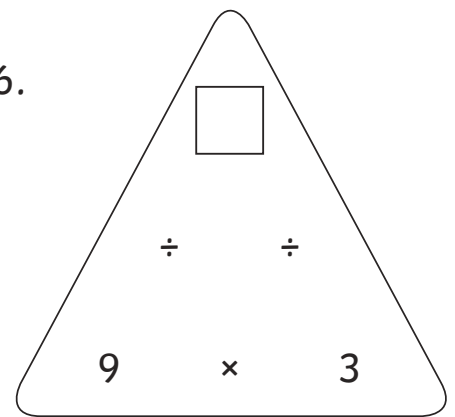
4.



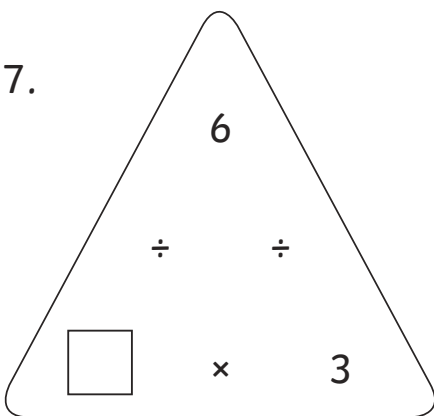
5.



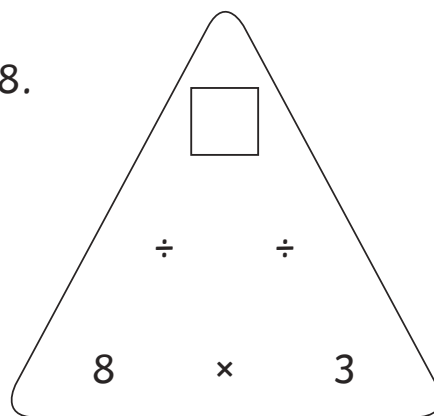
6.



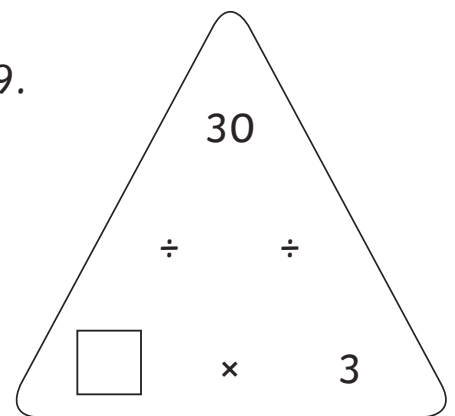
7.



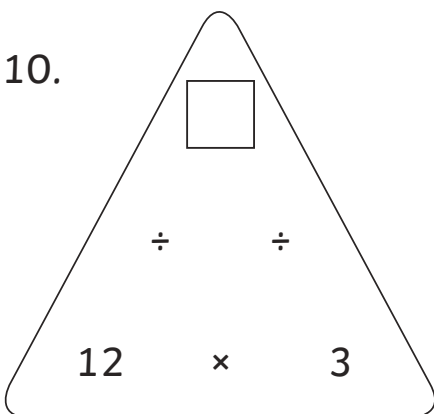
8.



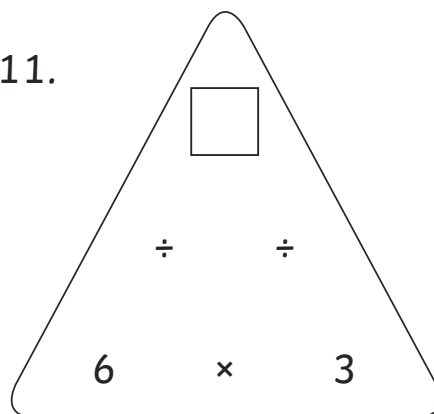
9.



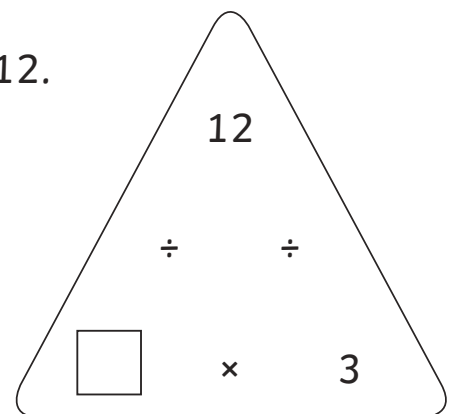
10.



11.



12.



3 Times Table Maths Mastery Mat

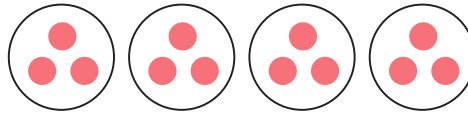
How many squares of chocolate are there?



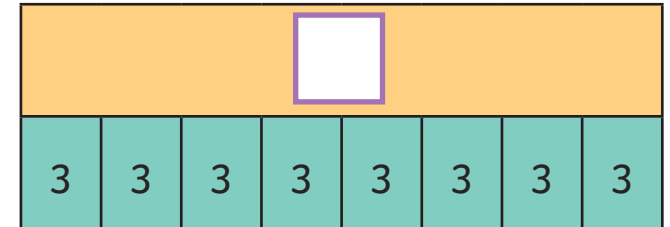
squares

Explain the mistake in the statement below.

There are 3 equal groups with 4 in each group.



Complete the bar model.



Complete these calculations.

$3 \times 9 = \square$

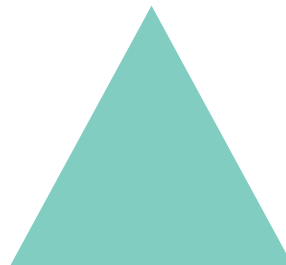
$0 \times 3 = \square$

$36 \div \square = 12$

$3 = \square \div 2$

Solve this problem.

If one triangle has three vertices, how many vertices would 11 triangles have in total?



vertices

Circle the numbers that are **not** multiples of 3.

60 11 21
6
23 15 4

3 Times Table Maths Mastery Mat

Complete these calculations.



$$3 \times 3 = \square \quad 3 \times 30 = \square$$

$$\square \times 3 = 90 \quad 3 \times \square = 900$$

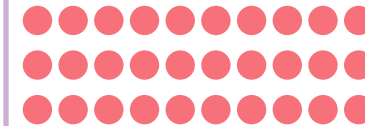
True or false?



3 is an odd number so all multiples of 3 must be odd numbers.

Explain your answer.

Circle the calculations that are represented by this array.



$$9 \times 3 = 27$$

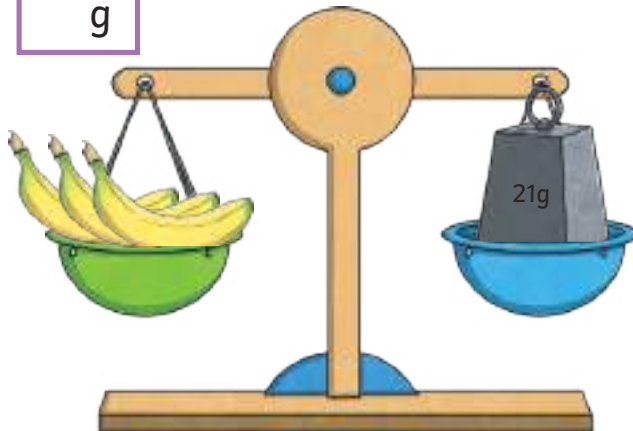
$$30 \div 3 = 10$$

$$3 \times 10 = 30$$

$$9 = 27 \div 3$$

What is the mass of one banana?

$\square$ g



Solve this problem.

There are 3 donuts in a bag.

How many donuts are there in 5 bags?



$\square$ donuts

Guess the number.

My number is a 2-digit number.

It is multiple of 3 and a multiple of 4.

It has 6 ones.

The digit total is 9.

Times Table Speed Challenge $\times 3$

Name _____



$\times 3$ Set 1	$\times 3$ Set 2	$\times 3$ Set 3	$\times 3$ Set 4	$\times 3$ Set 5
$3 \times 1 =$	$7 \times 3 =$	$8 \times 3 =$	$3 \times 2 =$	$3 \times 5 =$
$3 \times 5 =$	$1 \times 3 =$	$3 \times 4 =$	$5 \times 3 =$	$2 \times 3 =$
$11 \times 3 =$	$3 \times 3 =$	$3 \times 11 =$	$3 \times 8 =$	$6 \times 3 =$
$3 \times 7 =$	$3 \times 10 =$	$3 \times 1 =$	$3 \times 3 =$	$3 \times 4 =$
$3 \times 3 =$	$5 \times 3 =$	$12 \times 3 =$	$7 \times 3 =$	$8 \times 3 =$
$8 \times 3 =$	$3 \times 6 =$	$3 \times 5 =$	$9 \times 3 =$	$3 \times 3 =$
$3 \times 4 =$	$3 \times 12 =$	$6 \times 3 =$	$1 \times 3 =$	$3 \times 7 =$
$6 \times 3 =$	$3 \times 2 =$	$2 \times 3 =$	$12 \times 3 =$	$3 \times 12 =$
$3 \times 9 =$	$3 \times 8 =$	$3 \times 7 =$	$4 \times 3 =$	$3 \times 1 =$
$2 \times 3 =$	$4 \times 3 =$	$3 \times 3 =$	$3 \times 6 =$	$10 \times 3 =$
Time:	Time:	Time:	Time:	Time:
Score:	Score:	Score:	Score:	Score:

4 TIMES TABLES

36

12

32

44

20

40

8

4

16

28

24

48

TRZ

4 Times Table Activities

Count in 4s and colour in the grid:

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

Work out these answers:

a) $4 \times 4 =$ _____

f) $6 \times 4 =$ _____

b) $3 \times 4 =$ _____

g) $7 \times 4 =$ _____

c) $5 \times 4 =$ _____

h) $1 \times 4 =$ _____

d) $2 \times 4 =$ _____

i) $11 \times 4 =$ _____

e) $9 \times 4 =$ _____

j) $8 \times 4 =$ _____

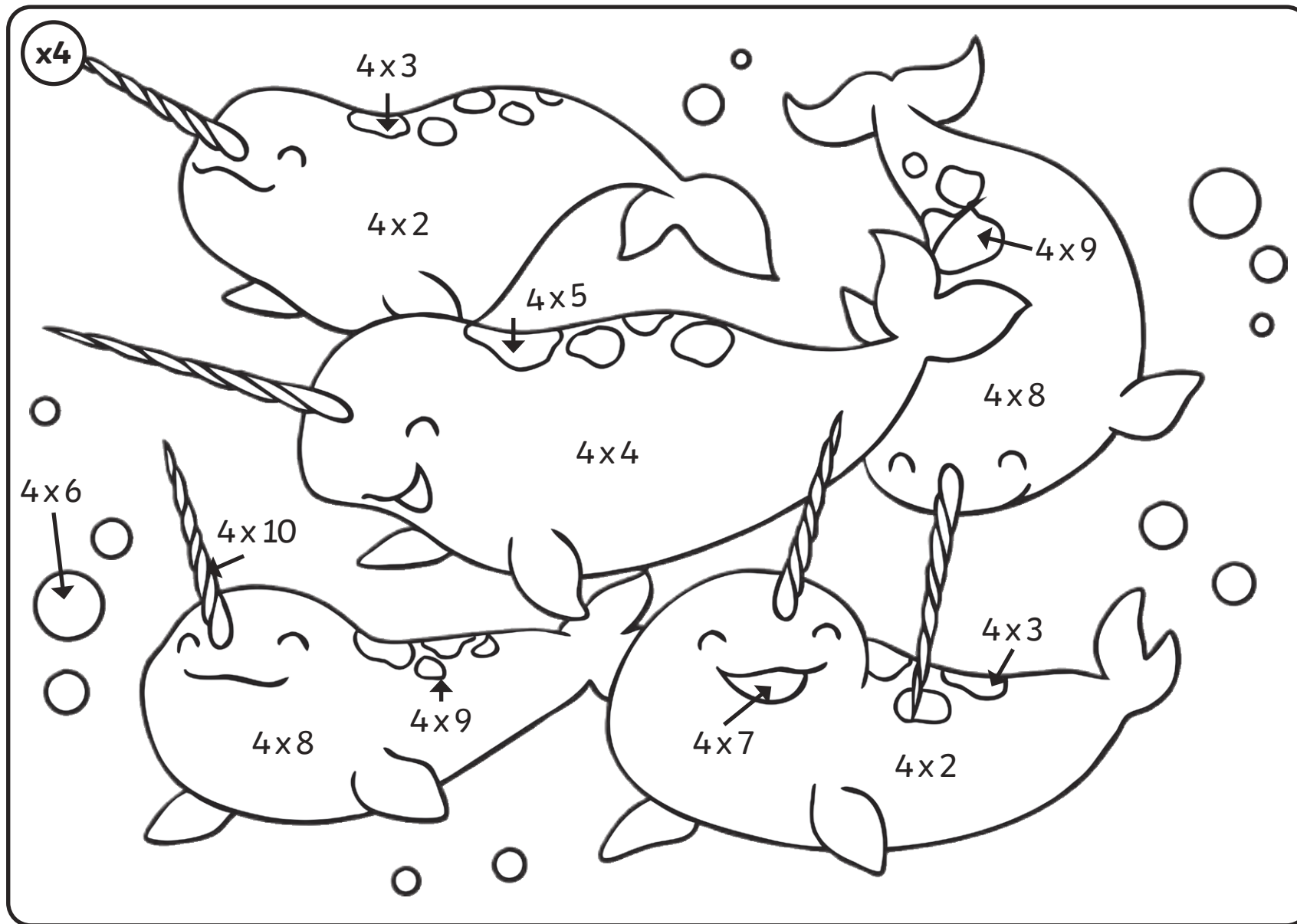
How many different leaves are there? Count in groups of 4 and write out the calculation.

a)  _____ $\times$ _____ = _____

b)  _____ $\times$ _____ = _____

c)  _____ $\times$ _____ = _____

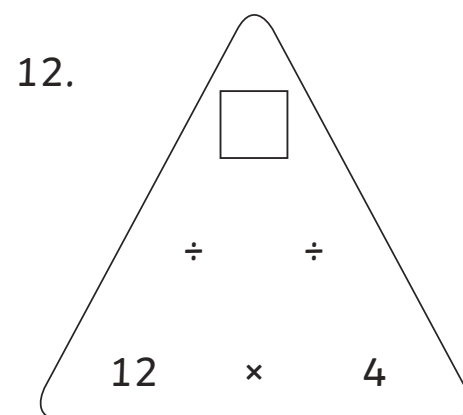
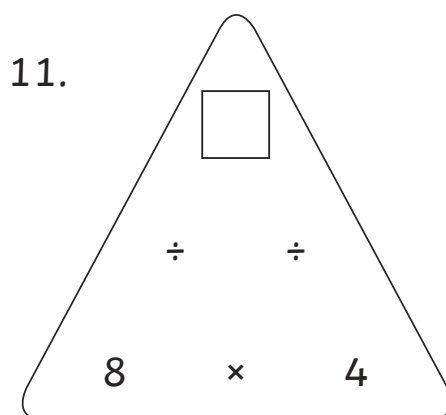
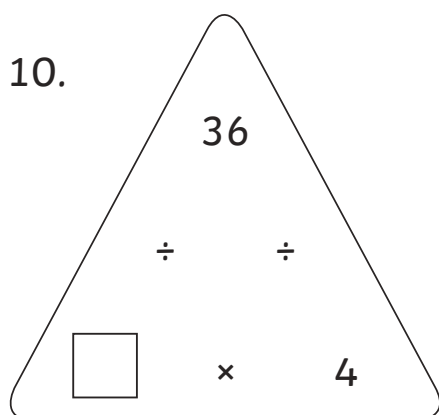
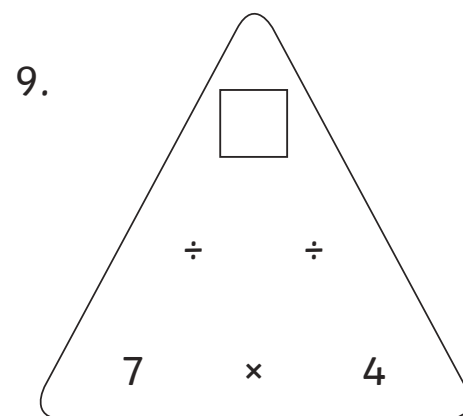
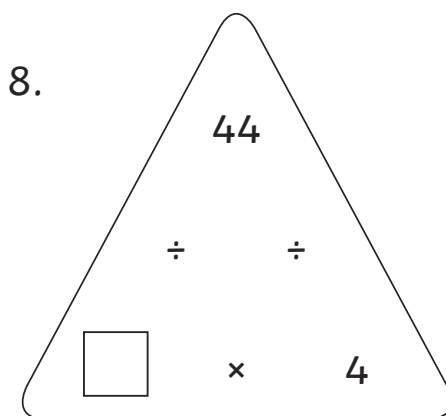
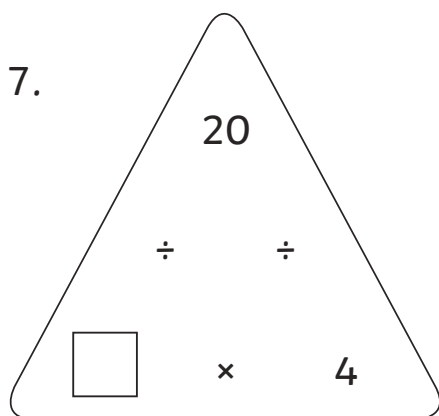
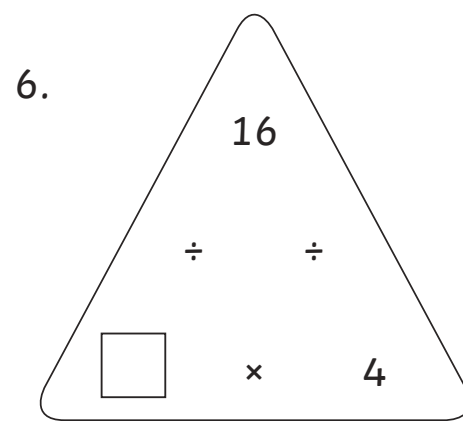
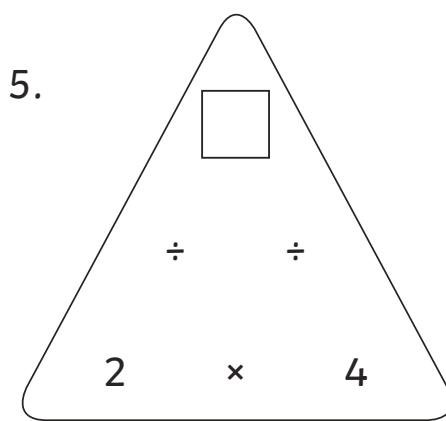
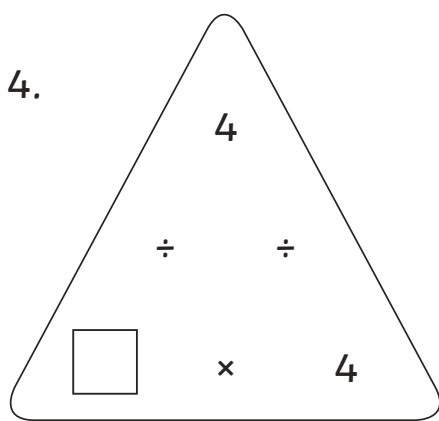
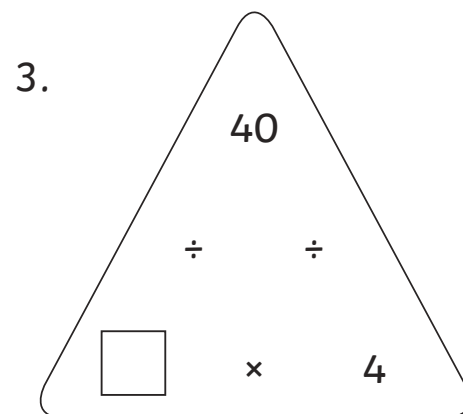
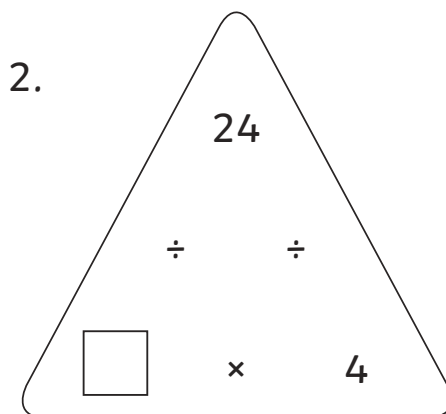
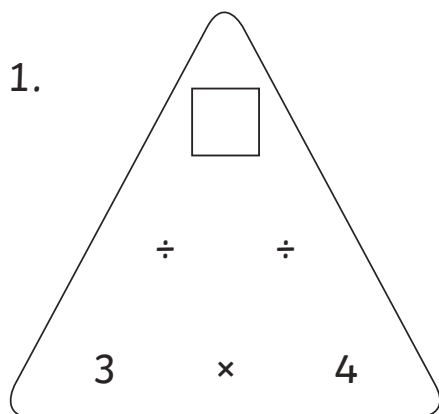
Colour by Multiplication



8	grey
12	turquoise
16	bright blue
20	dark blue
24	light blue
28	pink
32	light green
36	dark green
40	light brown

Multiplication Triangles x4

Fill in the blanks in these multiplication triangles.



4 Times Table Maths Mastery Mat

Complete the fact family.

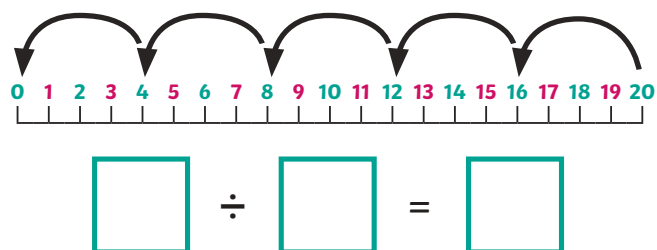
$$3 \times 4 = \square$$

$$\square \times \square = \square$$

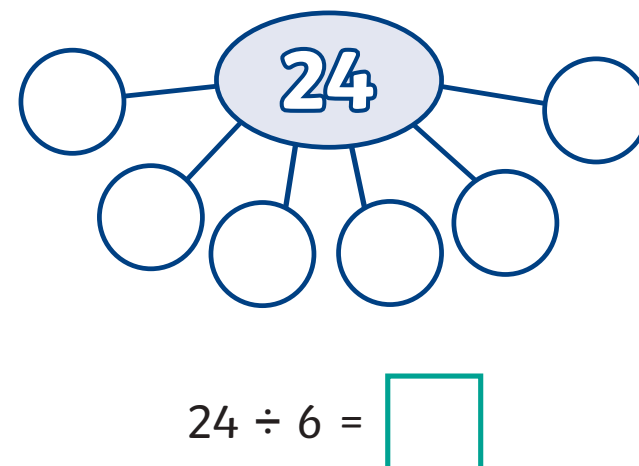
$$\square \div \square = \square$$

$$\square \div \square = \square$$

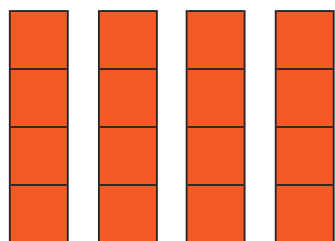
Write a division calculation to match the number line.



Complete the part-whole model.



Write a multiplication calculation to match this image.



$$\square \times \square = \square$$

Solve this problem.

Cupcakes are sold in boxes of 4.

If you buy 12 boxes, how many cupcakes are there in total?



$\square$ cupcakes

Match the repeated addition calculations to the matching multiplication calculations.

$$4 \times 2 \quad 4 + 4 + 4 + 4 + 4 + 4 + 4$$

$$7 \times 4 \quad 6 + 6 + 6 + 6$$

$$6 \times 4 \quad 4 + 4 + 4$$

$$4 \times 3 \quad 4 + 4$$

4 Times Table Maths Mastery Mat

Complete the sentence and calculation to match the array.



There are ____ equal rows of ____.

There are ____ equal columns of ____.

$$\square \times \square = \square$$

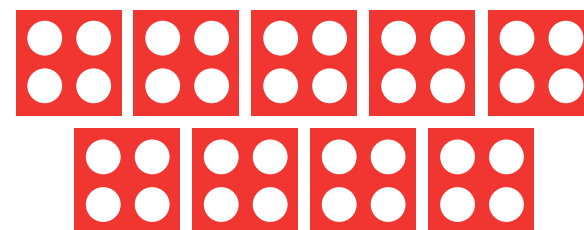
A classroom table can seat 4 children.

How many tables are needed to seat 28 children?



tables

Calculate the total number of spots on the dice.



$$\square \times \square = \square$$

Fill in the missing numbers in the empty boxes.

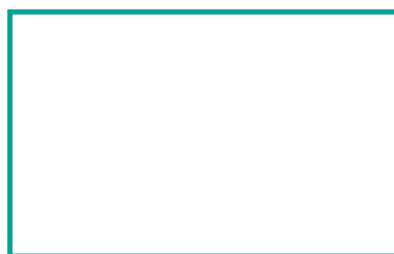
$$44 \div \square = 4$$

$$\square \times 4 = 16$$

$$\square = 8 \times 4$$

Explain the mistake in this number sequence.

4, 8, 12, 16, 24, 28, 32, 36, 40, 44, 48



What is the value of the triangle and square?

$$24 = \triangle \times \square$$

$$\square + \square + \square + \square = 16$$

$$\square =$$

$$\triangle =$$

Times Table Speed Challenge $\times 4$

Name _____



$\times 4$ Set 1	$\times 4$ Set 2	$\times 4$ Set 3	$\times 4$ Set 4	$\times 4$ Set 5
$4 \times 2 =$	$4 \times 1 =$	$1 \times 4 =$	$6 \times 4 =$	$4 \times 2 =$
$4 \times 11 =$	$4 \times 8 =$	$12 \times 4 =$	$4 \times 4 =$	$4 \times 6 =$
$4 \times 4 =$	$5 \times 4 =$	$3 \times 4 =$	$4 \times 12 =$	$7 \times 4 =$
$12 \times 4 =$	$11 \times 4 =$	$10 \times 4 =$	$4 \times 1 =$	$3 \times 4 =$
$4 \times 5 =$	$4 \times 3 =$	$4 \times 5 =$	$4 \times 8 =$	$4 \times 11 =$
$1 \times 4 =$	$4 \times 10 =$	$4 \times 2 =$	$11 \times 4 =$	$10 \times 4 =$
$4 \times 6 =$	$6 \times 4 =$	$4 \times 11 =$	$2 \times 4 =$	$4 \times 4 =$
$4 \times 10 =$	$2 \times 4 =$	$4 \times 6 =$	$4 \times 10 =$	$1 \times 4 =$
$3 \times 4 =$	$4 \times 12 =$	$4 \times 4 =$	$5 \times 4 =$	$12 \times 4 =$
$11 \times 4 =$	$4 \times 4 =$	$7 \times 4 =$	$4 \times 3 =$	$4 \times 5 =$
Time:	Time:	Time:	Time:	Time:
Score:	Score:	Score:	Score:	Score:

6 TIMES TABLES

36

48

30

66

12

72

42

24

54

60

6

18

TRZ

6 Times Table Activities

Count in 6s and colour in the grid:

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

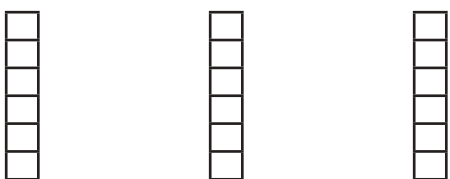
Work out these answers:

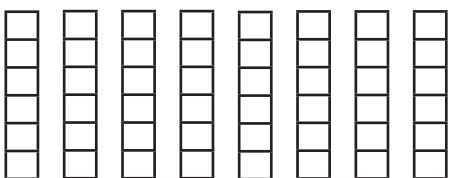
a) $2 \times 6 =$ _____ d) $8 \times 6 =$ _____

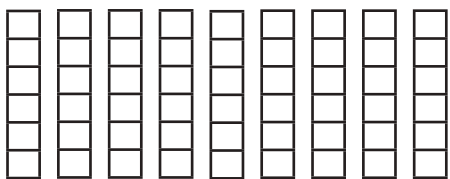
b) $12 \times 6 =$ _____ e) $7 \times 6 =$ _____

c) $5 \times 6 =$ _____ f) $6 \times 6 =$ _____

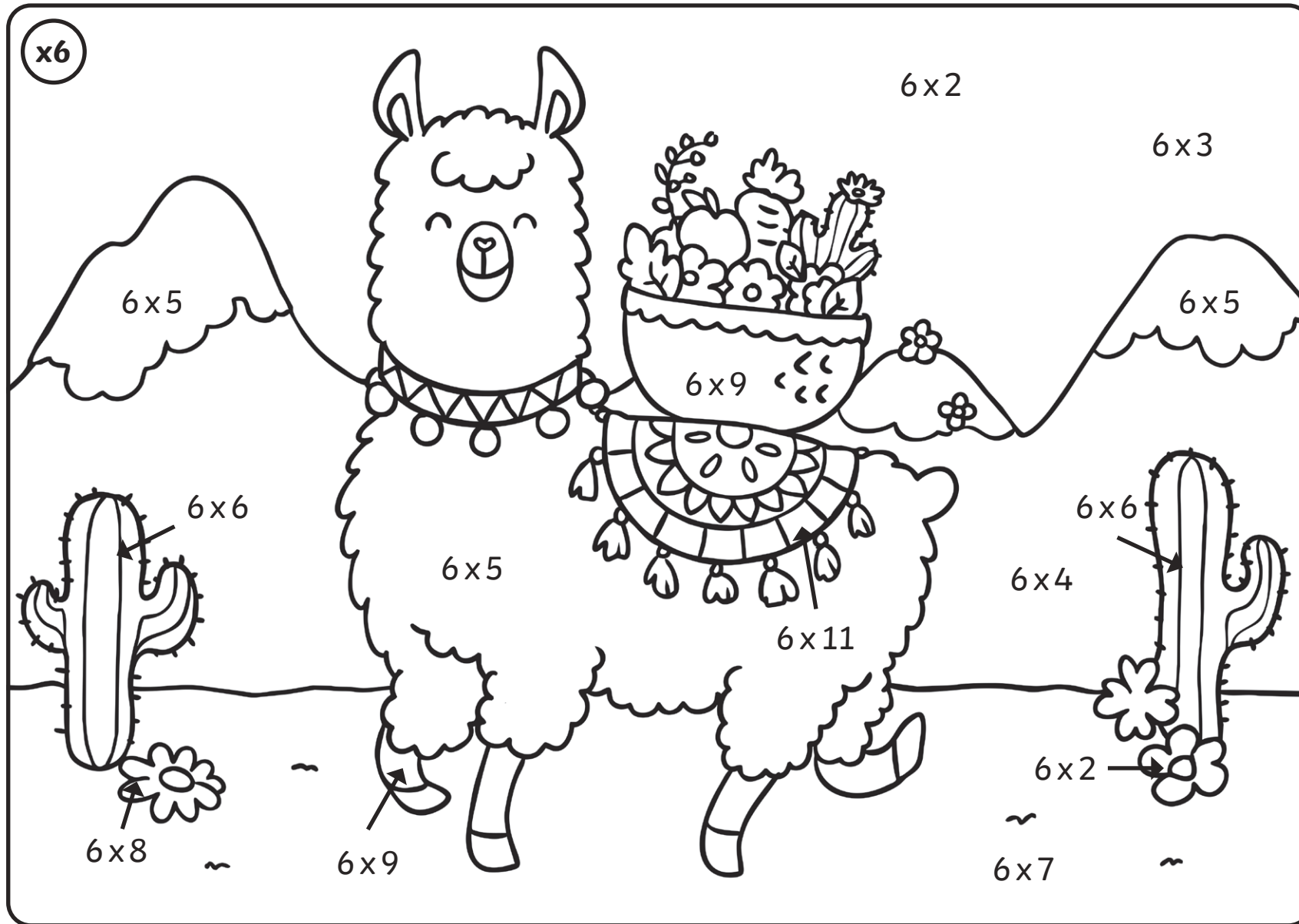
How many are there?

a)  _____ $\times$ _____ = _____

b)  _____ $\times$ _____ = _____

c)  _____ $\times$ _____ = _____

Colour by Multiplication

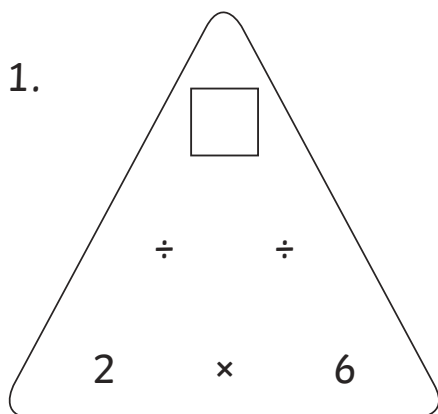


12	pink
18	light pink
24	turquoise
30	white
36	green
42	light yellow
48	orange
54	brown
66	red

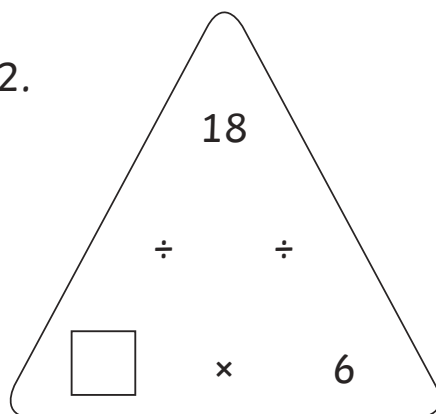
Multiplication Triangles x6

Fill in the blanks in these multiplication triangles.

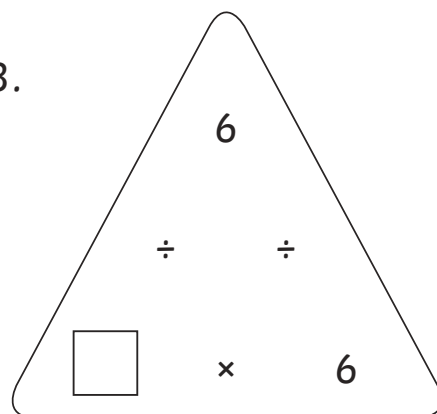
1.



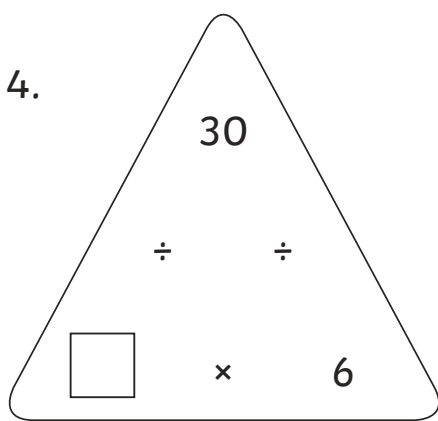
2.



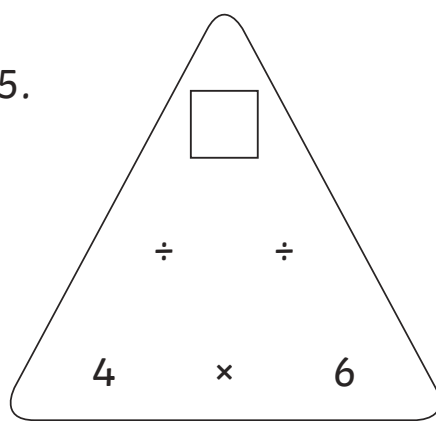
3.



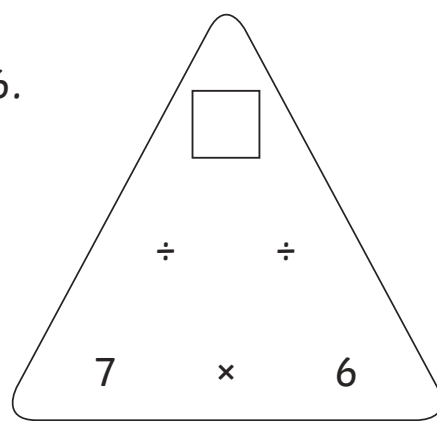
4.



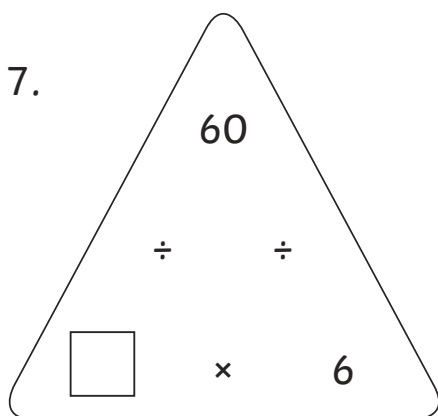
5.



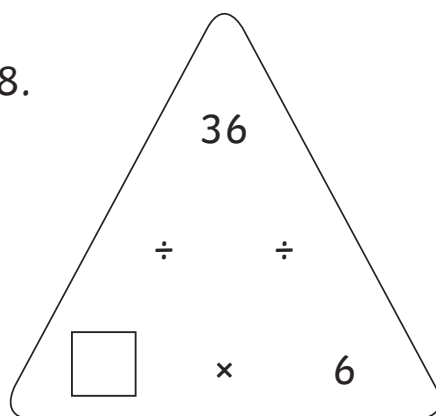
6.



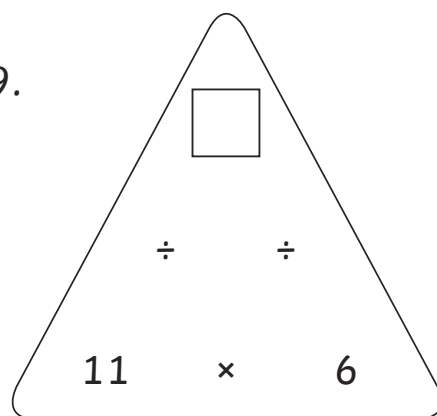
7.



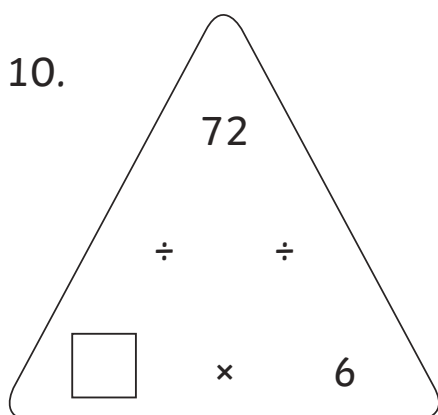
8.



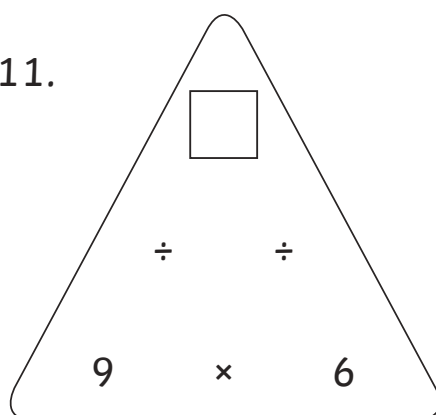
9.



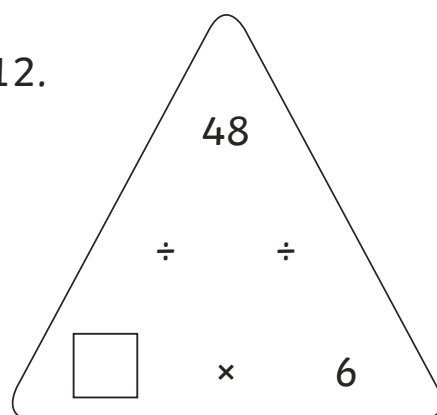
10.



11.

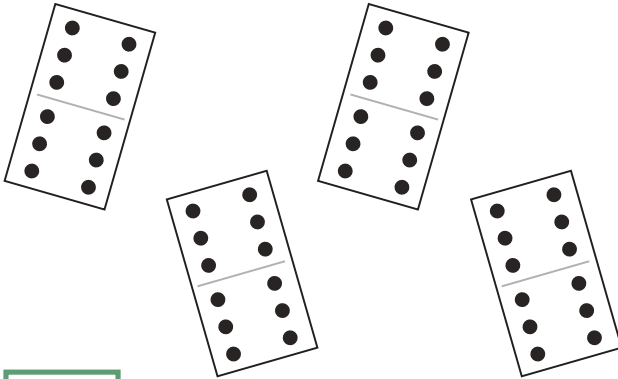


12.

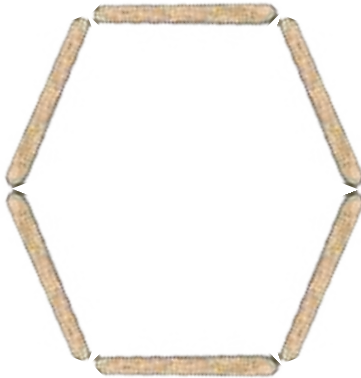


6 Times Table Maths Mastery Mat

How many spots are there altogether?



If you need 6 lolly sticks to make one hexagon, how many hexagons can you make with 24 lolly sticks?



hexagons

Create a fact family using 9, 54 and 6.

$$\square \times \square = \square$$

$$\square \times \square = \square$$

$$\square \div \square = \square$$

$$\square \div \square = \square$$

Complete the table.

60 minutes = 1 hour

Minutes	Hours
	2
600	
	7

Do you agree or disagree?

Explain your answer.

I can work out the answer to 5×6 if I double the answer for 5×3 .



Draw an array to match this calculation.

$$6 \times 6 = \square$$

6 Times Table Maths Mastery Mat

In January, the average temperature in London is 8°C .

In Dubai, the temperature is 6 times warmer.

What is the average temperature in Dubai in January?



I know my 6 times table so I can solve 80×60 without using a written method.



Explain why the statement above is possible.

Draw a model to represent this sentence.

There are 5 equal groups of 6.

There are altogether.

Fill in the numbers in the missing boxes.

$$54 \div \boxed{} = 9$$

$$\boxed{} \times 6 = 18$$

$$\boxed{} = 12 \times 6$$

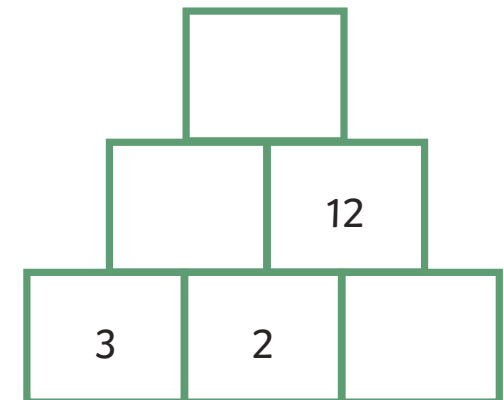
A chicken lays 6 eggs a day.

How many eggs does it lay in a week?

eggs



Complete the multiplication pyramid.



Times Table Speed Challenge $\times 6$

Name _____



$\times 6$ Set 1	$\times 6$ Set 6	$\times 6$ Set 3	$\times 6$ Set 4	$\times 6$ Set 5
$6 \times 1 =$	$6 \times 3 =$	$3 \times 6 =$	$4 \times 6 =$	$7 \times 6 =$
$4 \times 6 =$	$9 \times 6 =$	$6 \times 7 =$	$10 \times 6 =$	$6 \times 6 =$
$6 \times 6 =$	$6 \times 5 =$	$6 \times 6 =$	$5 \times 6 =$	$6 \times 4 =$
$8 \times 6 =$	$7 \times 6 =$	$2 \times 6 =$	$12 \times 6 =$	$6 \times 2 =$
$6 \times 10 =$	$6 \times 12 =$	$10 \times 6 =$	$6 \times 1 =$	$6 \times 3 =$
$6 \times 2 =$	$6 \times 6 =$	$1 \times 6 =$	$6 \times 11 =$	$12 \times 6 =$
$6 \times 3 =$	$4 \times 6 =$	$6 \times 5 =$	$6 \times 6 =$	$6 \times 9 =$
$5 \times 6 =$	$10 \times 6 =$	$6 \times 12 =$	$6 \times 2 =$	$8 \times 6 =$
$6 \times 7 =$	$2 \times 6 =$	$4 \times 6 =$	$6 \times 8 =$	$1 \times 6 =$
$9 \times 6 =$	$6 \times 1 =$	$8 \times 6 =$	$3 \times 6 =$	$6 \times 5 =$
Time:	Time:	Time:	Time:	Time:
Score:	Score:	Score:	Score:	Score:

8 TIMES TABLES

48

80

40

64

96

24

8

72

56

16

32

88

TRZ

8 Times Table Activities

Count in 8s and colour in the grid:

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

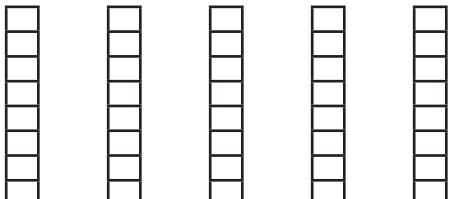
Work out these answers:

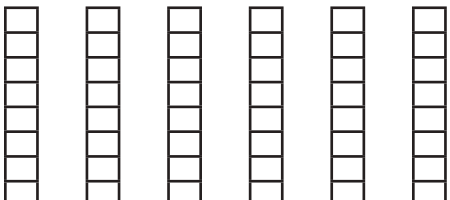
a) $2 \times 8 =$ _____ d) $8 \times 8 =$ _____

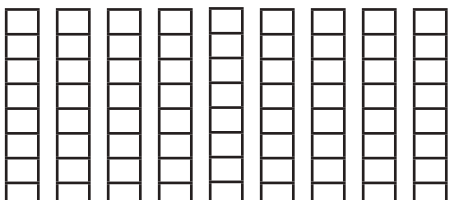
b) $10 \times 8 =$ _____ e) $7 \times 8 =$ _____

c) $5 \times 8 =$ _____ f) $12 \times 8 =$ _____

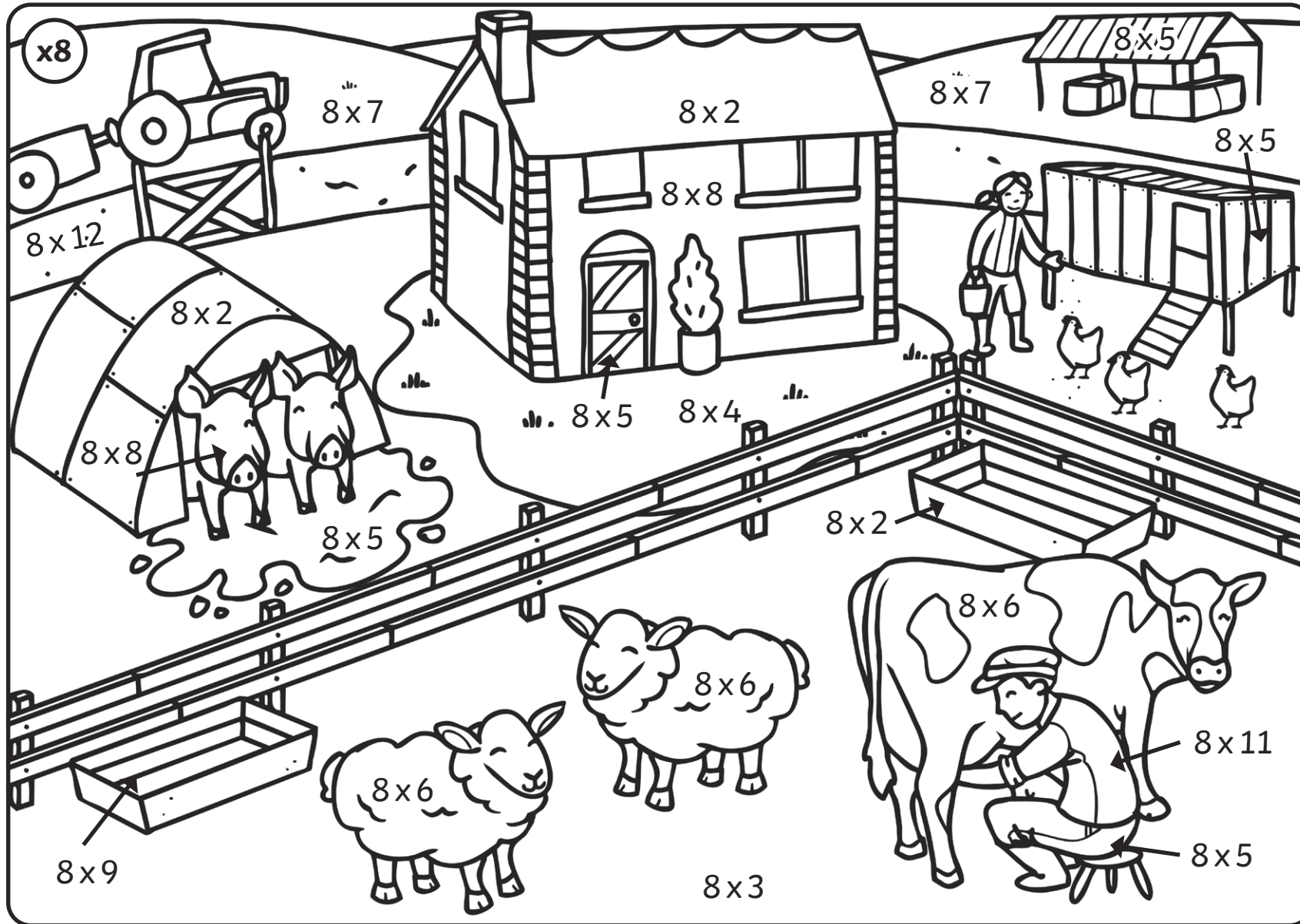
How many blocks are there?

a)  _____ $\times$ _____ = _____

b)  _____ $\times$ _____ = _____

c)  _____ $\times$ _____ = _____

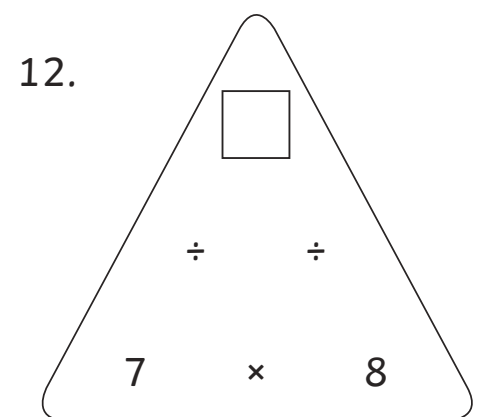
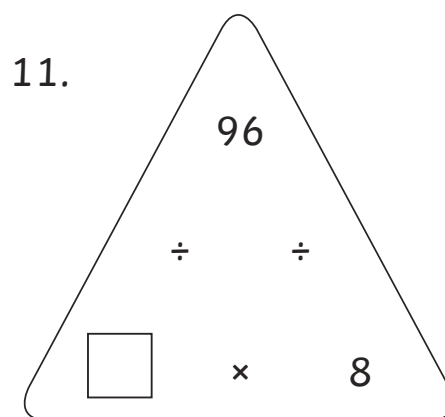
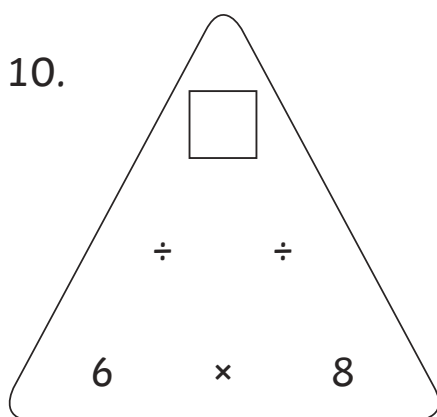
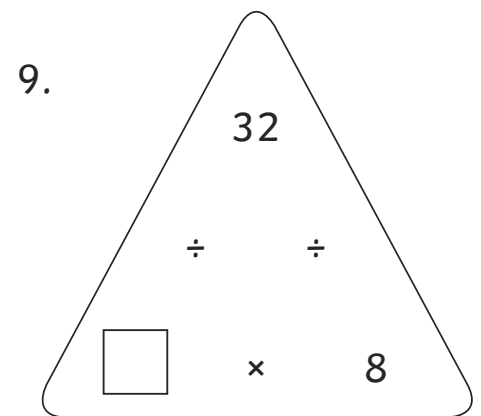
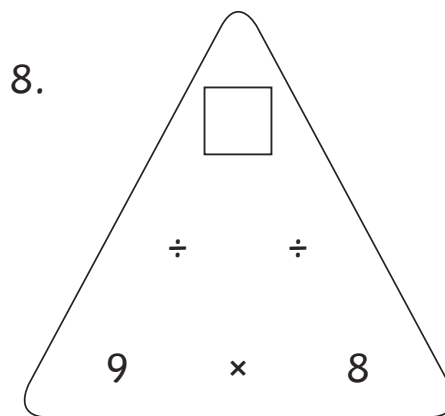
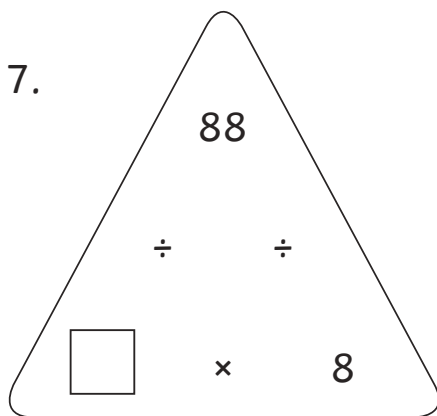
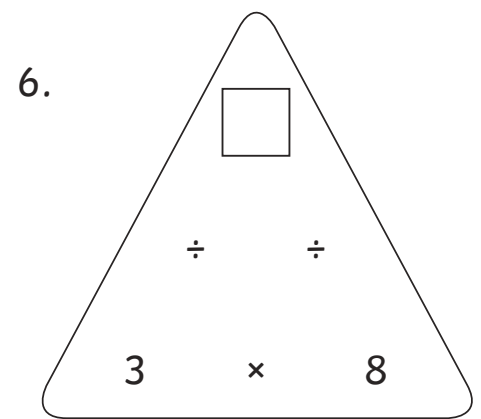
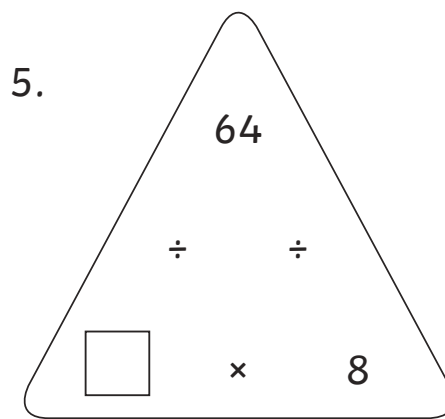
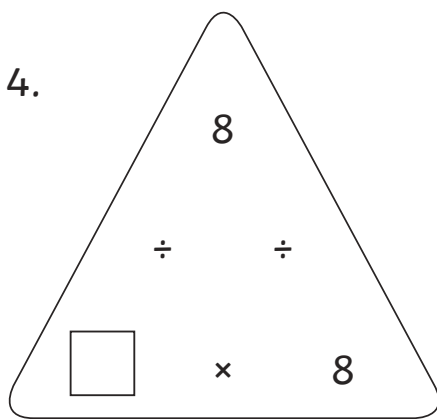
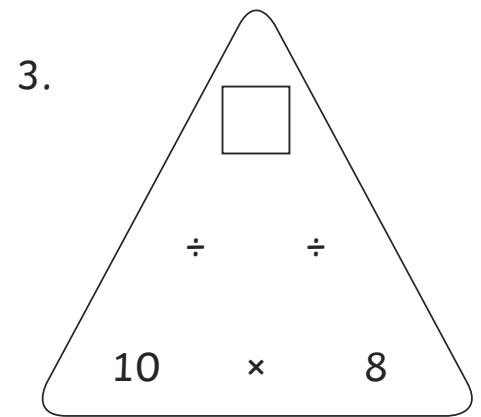
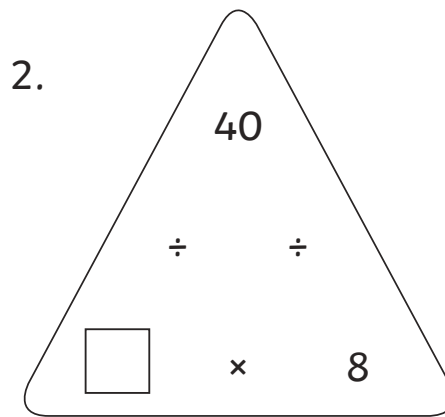
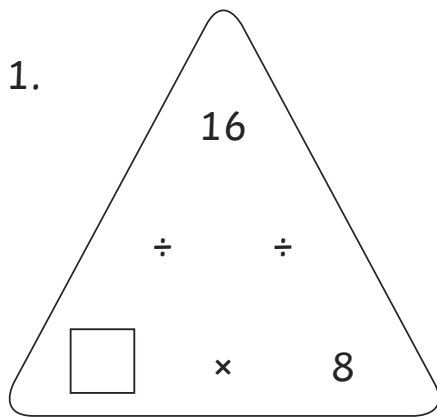
Colour by Multiplication



16	grey
24	dark green
32	bright green
40	brown
48	white
56	light green
64	pink
72	blue
88	dark blue
96	light yellow

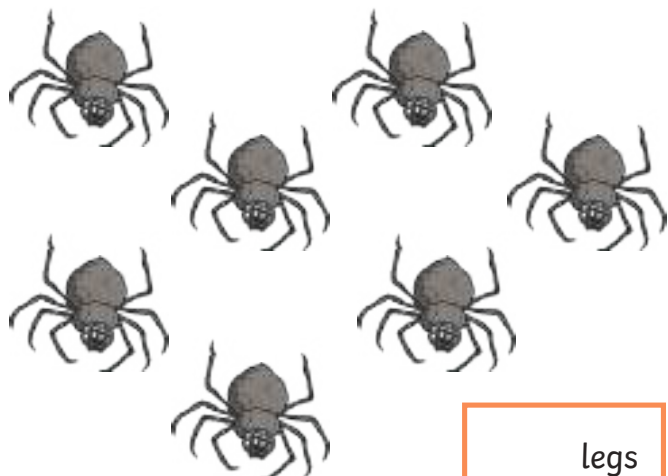
Multiplication Triangles x8

Fill in the blanks in these multiplication triangles.



8 Times Table Maths Mastery Mat

How many legs are there altogether?



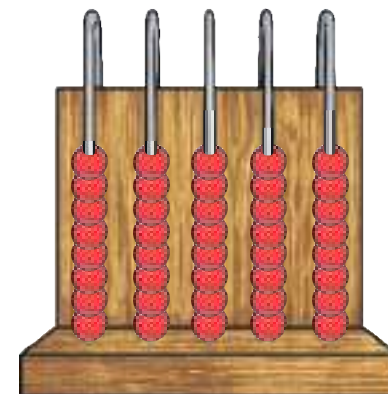
A bottle contains 800ml of juice.

How many millilitres of juice are there in 6 bottles?

ml



Complete the calculation to match the image.



$\times$ =

Circle the **correct** calculations.

$$8 \times 8 = 63$$

$$24 \div 3 = 8$$

$$32 = 4 \times 8$$

$$96 \div 8 = 11$$

$$9 \times 8 = 72$$

$$8 = 40 \div 4$$

$$8 = 0 \times 8$$

$$16 \div 2 = 8$$

Explain the mistake.

$$8 = 4 \div 32$$



Draw an array to match this calculation.

$$8 \times 11 =$$

8 Times Table Maths Mastery Mat

The florist is making bouquets of flowers.

They need 8 flowers for each bouquet.

How many bouquet can the florist make with 96 flowers?

bouquets



Explain how you know this statement is true without calculating the answer.

571 divided by 8 will have a remainder.



Draw a model to match and solve the sentence.

There are 4 equal groups of 8.

There are altogether.

Fill in the missing boxes.

$$72 \div \boxed{} = 8$$

$$\boxed{} \times 8 = 56$$

$$\boxed{} = 10 \times 8$$



There are 5 pizzas.

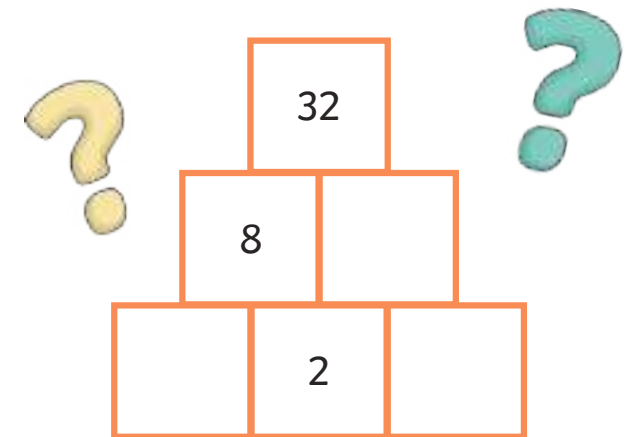
Each pizza is cut into 8 slices.

How many slices of pizza are there altogether?

slices



Complete the multiplication pyramid.



Times Table Speed Challenge $\times 8$

Name _____



$\times 8$ Set 1	$\times 8$ Set 2	$\times 8$ Set 3	$\times 8$ Set 4	$\times 8$ Set 8
$8 \times 3 =$	$6 \times 8 =$	$8 \times 6 =$	$8 \times 10 =$	$2 \times 8 =$
$8 \times 7 =$	$8 \times 2 =$	$8 \times 1 =$	$8 \times 8 =$	$4 \times 8 =$
$11 \times 8 =$	$8 \times 4 =$	$5 \times 8 =$	$6 \times 8 =$	$11 \times 8 =$
$8 \times 1 =$	$8 \times 11 =$	$4 \times 8 =$	$8 \times 2 =$	$8 \times 7 =$
$8 \times 5 =$	$8 \times 8 =$	$8 \times 3 =$	$8 \times 11 =$	$8 \times 3 =$
$2 \times 8 =$	$7 \times 8 =$	$10 \times 8 =$	$3 \times 8 =$	$8 \times 12 =$
$8 \times 8 =$	$1 \times 8 =$	$12 \times 8 =$	$7 \times 8 =$	$8 \times 6 =$
$12 \times 8 =$	$8 \times 12 =$	$2 \times 8 =$	$8 \times 4 =$	$8 \times 1 =$
$4 \times 8 =$	$8 \times 10 =$	$8 \times 7 =$	$8 \times 12 =$	$5 \times 8 =$
$8 \times 6 =$	$3 \times 8 =$	$8 \times 8 =$	$1 \times 8 =$	$8 \times 8 =$
Time:	Time:	Time:	Time:	Time:
Score:	Score:	Score:	Score:	Score:

Times Table Speed Challenge $\times 3$, $\times 4$ and $\times 8$

Name _____



$\times 3, 4, 8$ Set 1	$\times 3, 4, 8$ Set 2	$\times 3, 4, 8$ Set 3	$\times 3, 4, 8$ Set 4	$\times 3, 4, 8$ Set 5
$1 \times 4 =$	$4 \times 6 =$	$3 \times 5 =$	$4 \times 8 =$	$8 \times 9 =$
$3 \times 1 =$	$12 \times 3 =$	$6 \times 3 =$	$7 \times 4 =$	$3 \times 9 =$
$3 \times 8 =$	$8 \times 3 =$	$8 \times 5 =$	$8 \times 7 =$	$10 \times 8 =$
$6 \times 3 =$	$3 \times 4 =$	$6 \times 8 =$	$2 \times 3 =$	$10 \times 3 =$
$2 \times 8 =$	$3 \times 3 =$	$6 \times 4 =$	$8 \times 6 =$	$9 \times 4 =$
$4 \times 2 =$	$8 \times 11 =$	$4 \times 6 =$	$8 \times 8 =$	$4 \times 10 =$
$8 \times 4 =$	$10 \times 3 =$	$8 \times 5 =$	$3 \times 7 =$	$8 \times 9 =$
$2 \times 3 =$	$6 \times 3 =$	$5 \times 4 =$	$12 \times 8 =$	$4 \times 3 =$
$12 \times 8 =$	$4 \times 8 =$	$4 \times 8 =$	$8 \times 7 =$	$12 \times 8 =$
$8 \times 3 =$	$4 \times 4 =$	$4 \times 12 =$	$11 \times 4 =$	$3 \times 11 =$
Time:	Time:	Time:	Time:	Time:
Score:	Score:	Score:	Score:	Score:

7 TIMES TABLES

49

28

14

70

77

84

56

7

63

35

42

21

TRZ

7 Times Table Activities

Count in 7s and colour in the grid:

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

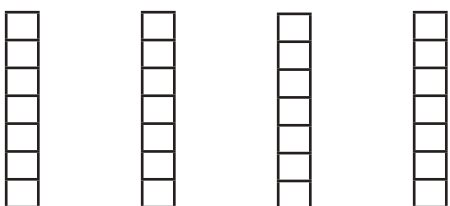
Work out these answers:

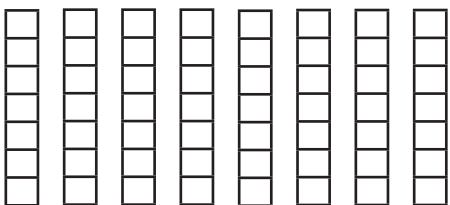
a) $2 \times 7 =$ _____ d) $12 \times 7 =$ _____

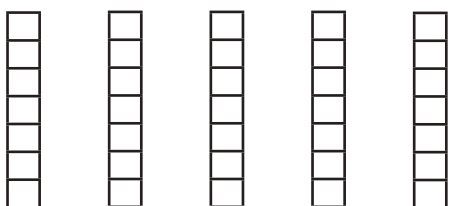
b) $10 \times 7 =$ _____ e) $7 \times 7 =$ _____

c) $5 \times 7 =$ _____ f) $9 \times 7 =$ _____

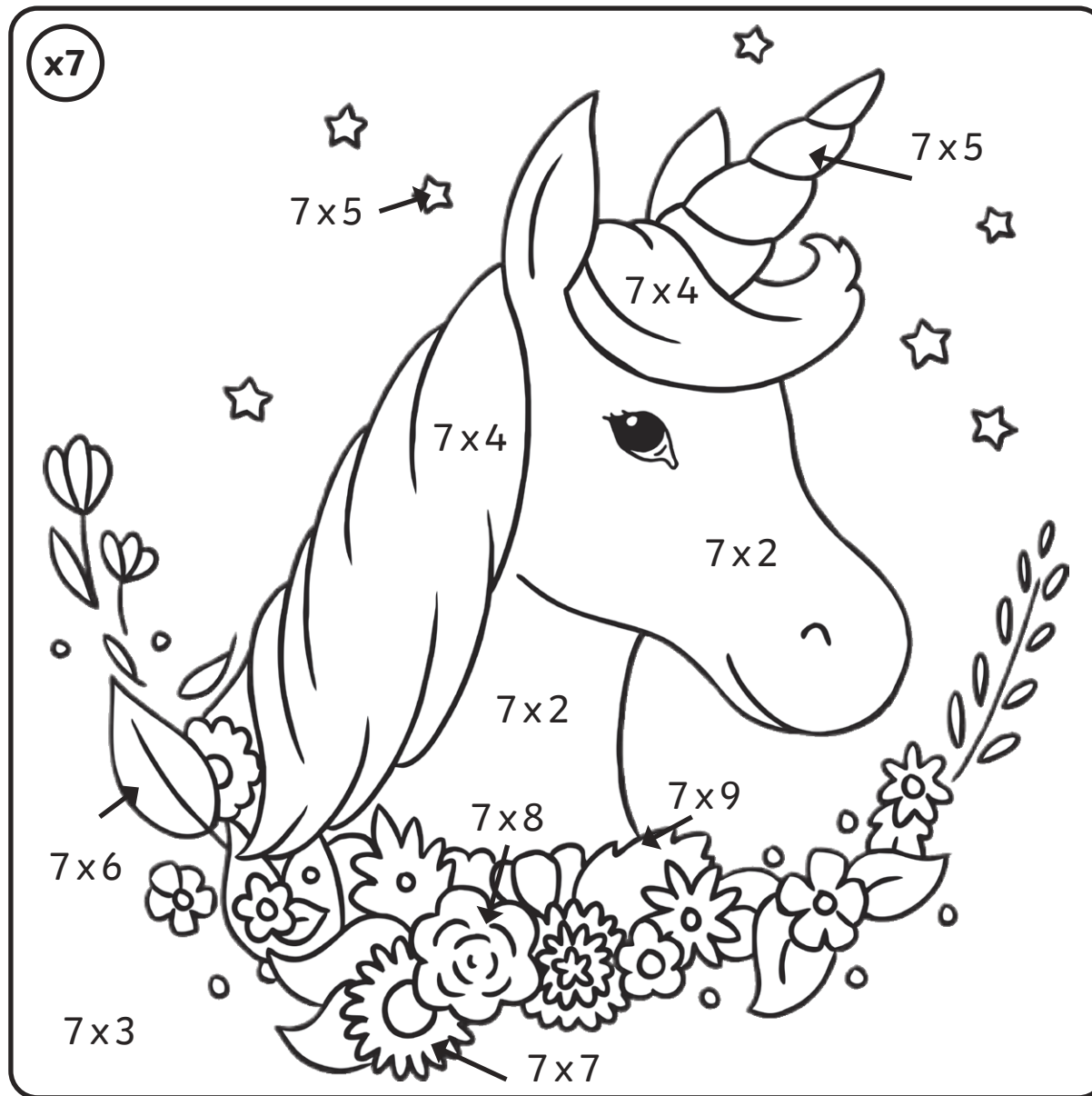
How many blocks are there?

a)  _____ $\times$ _____ = _____

b)  _____ $\times$ _____ = _____

c)  _____ $\times$ _____ = _____

Colour by Multiplication

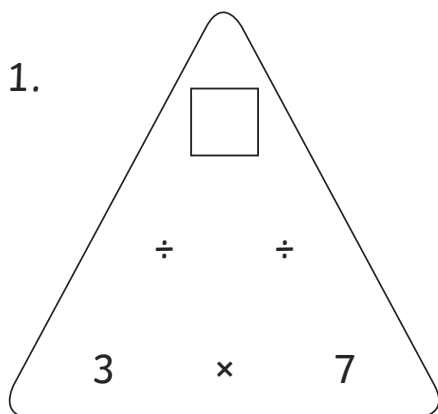


14	white
21	light orange
28	light pink
35	yellow
42	green
49	blue
56	red
63	light green

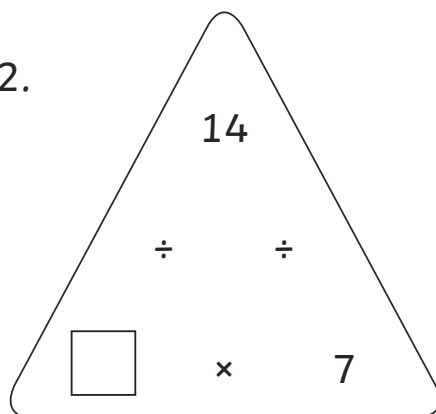
Multiplication Triangles x7

Fill in the blanks in these multiplication triangles.

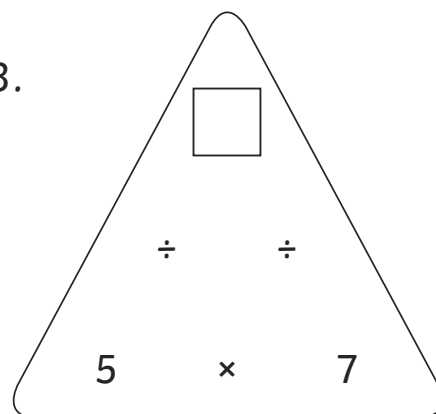
1.



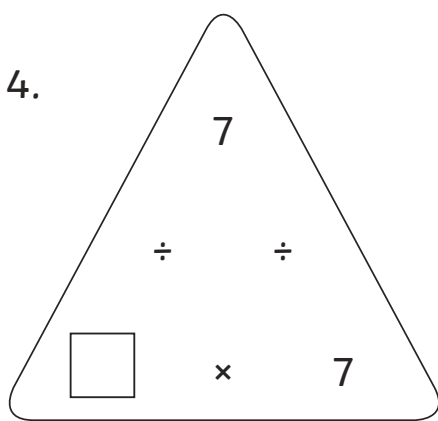
2.



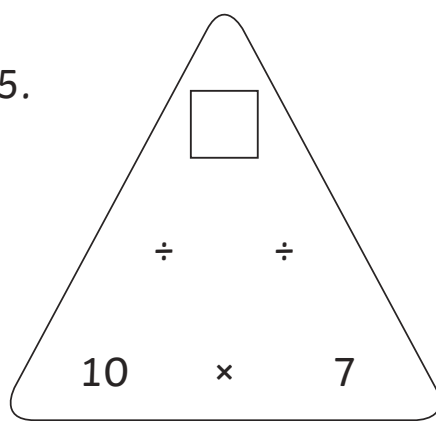
3.



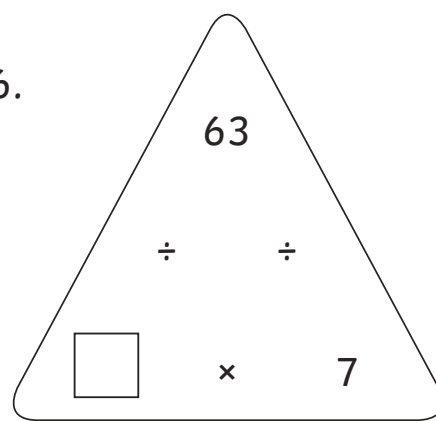
4.



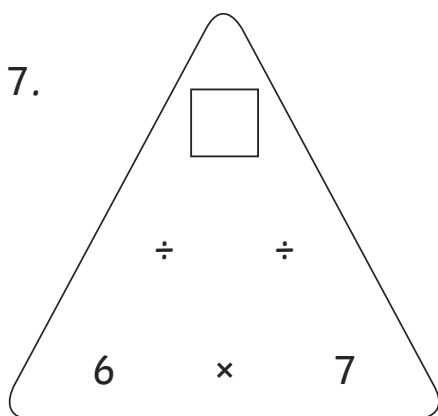
5.



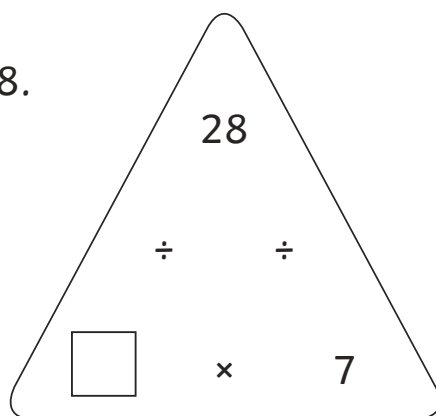
6.



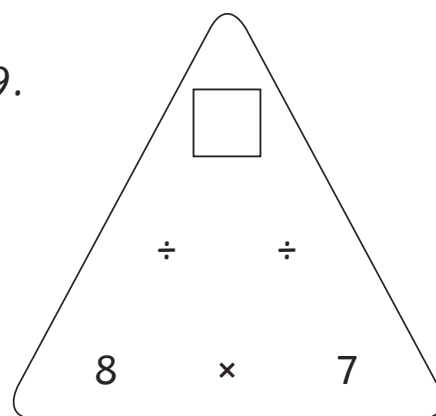
7.



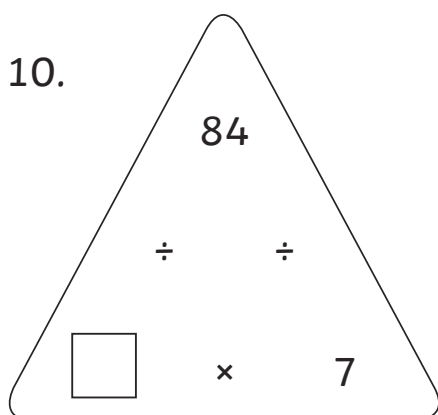
8.



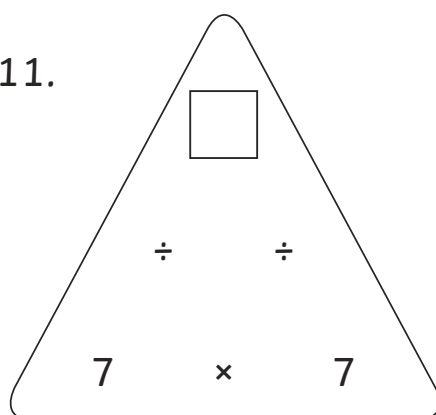
9.



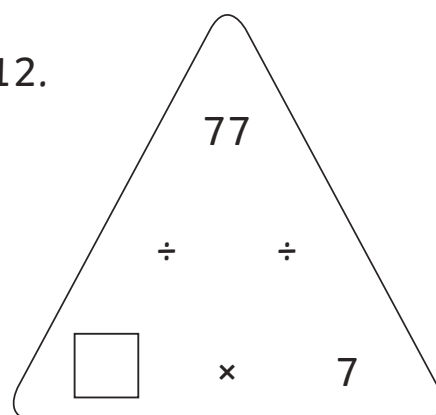
10.



11.



12.



7 Times Table Maths Mastery Mat

Complete the sentences to match the array.



There are equal rows of .

There are equal columns of .

There are counters altogether.

True or false?

All multiples of 7 are odd.

Explain your answer.



Each carriage on a train holds 7 passengers.

The train has 12 carriages.

What is the total number of passengers that can travel on the train?

passengers



Complete these calculations.

$$7 \times 9 = \boxed{}$$

$$84 \div \boxed{} = 12$$

$$0 \times 7 = \boxed{}$$

$$7 = \boxed{} \div 2$$

Complete the puzzle. 1 digit per square.

7	x		=	7	
x				x	
		x	7	=	8 4
=				=	

Circle the numbers that are **multiples of 7**.

42

64

14

21

48

56

35

76

7 Times Table Maths Mastery Mat

Complete the calculations.

$$9 \times 7 = \boxed{}$$

$$9 \times 70 = \boxed{}$$

$$\boxed{} \times 90 = 630$$

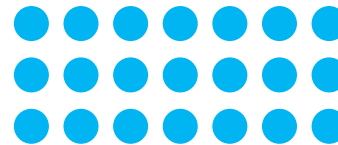
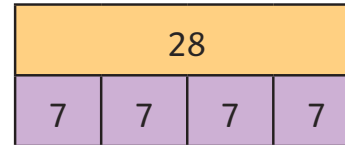
$$630 \div 70 = \boxed{}$$

Match the calculation to the correct model. Circle the odd one out.

$$5 \times 7$$

$$3 \times 7$$

$$4 \times 7$$



Solve this problem.

Felix gets £7 pocket money per week.

How many weeks will it take Felix to save £77?

weeks



Which is the odd one out?

Explain your reasoning.

49 14 28 33

Write a word problem about marbles in a bag for this calculation.

$$6 \times 7 = \boxed{}$$



Guess the number.

My number is a multiple of 7.

It is an odd number.

It has less than 4 tens.

It is also a multiple of 5.

What is my number?



Times Table Speed Challenge $\times 7$

Name _____



$\times 7$ Set 1	$\times 7$ Set 2	$\times 7$ Set 3	$\times 7$ Set 4	$\times 7$ Set 5
$1 \times 7 =$	$7 \times 1 =$	$3 \times 7 =$	$7 \times 3 =$	$5 \times 7 =$
$7 \times 2 =$	$2 \times 7 =$	$7 \times 8 =$	$10 \times 7 =$	$7 \times 2 =$
$7 \times 7 =$	$7 \times 12 =$	$9 \times 7 =$	$7 \times 5 =$	$7 \times 11 =$
$3 \times 7 =$	$9 \times 7 =$	$7 \times 4 =$	$4 \times 7 =$	$3 \times 7 =$
$7 \times 6 =$	$7 \times 3 =$	$1 \times 7 =$	$6 \times 7 =$	$7 \times 6 =$
$7 \times 11 =$	$11 \times 7 =$	$7 \times 11 =$	$7 \times 1 =$	$9 \times 7 =$
$9 \times 7 =$	$7 \times 7 =$	$7 \times 2 =$	$11 \times 7 =$	$7 \times 7 =$
$7 \times 4 =$	$7 \times 5 =$	$5 \times 7 =$	$7 \times 7 =$	$7 \times 8 =$
$5 \times 7 =$	$4 \times 7 =$	$7 \times 7 =$	$7 \times 12 =$	$1 \times 7 =$
$7 \times 8 =$	$7 \times 10 =$	$7 \times 6 =$	$2 \times 7 =$	$7 \times 4 =$
Time:	Time:	Time:	Time:	Time:
Score:	Score:	Score:	Score:	Score:

9 TIMES TABLES

45

9

81

72

108

63

18

90

36

54

27

99

TRZ

9 Times Table Activities

Count in 9s and colour in the grid:

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
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120

Work out these answers:

a) $2 \times 9 =$ _____

d) $8 \times 9 =$ _____

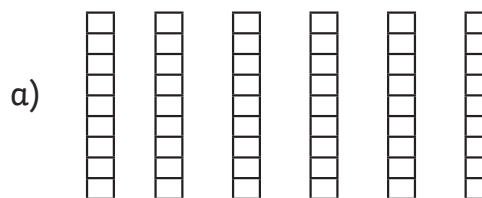
b) $3 \times 9 =$ _____

e) $12 \times 9 =$ _____

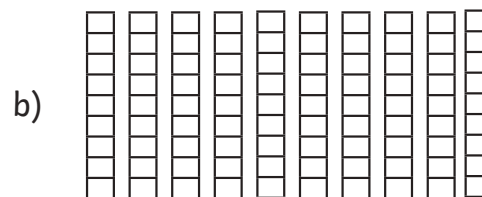
c) $5 \times 9 =$ _____

f) $9 \times 9 =$ _____

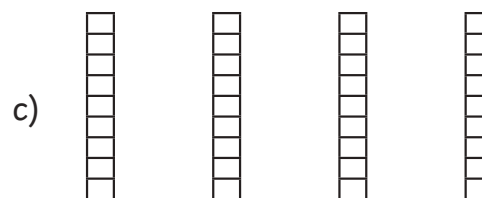
How many blocks are there?



_____ $\times$ _____ = _____



_____ $\times$ _____ = _____

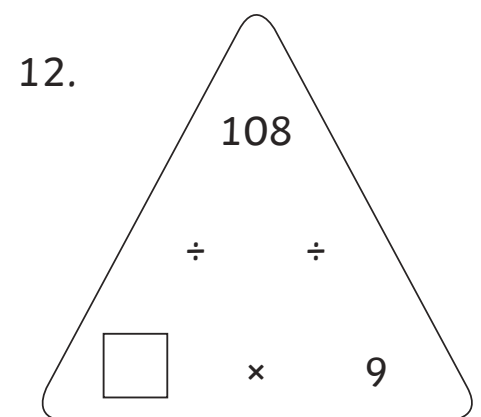
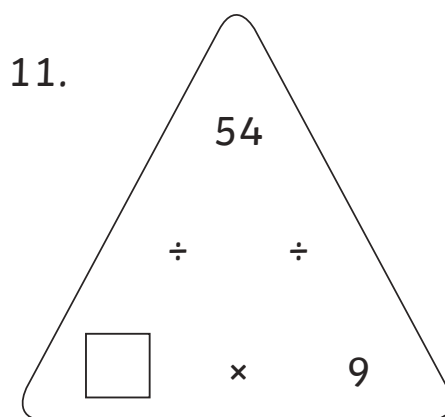
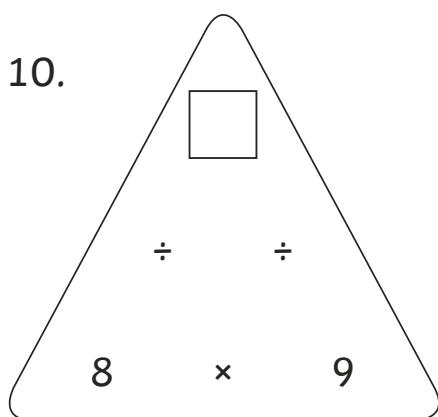
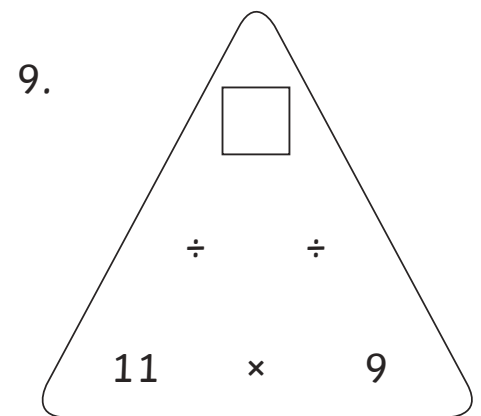
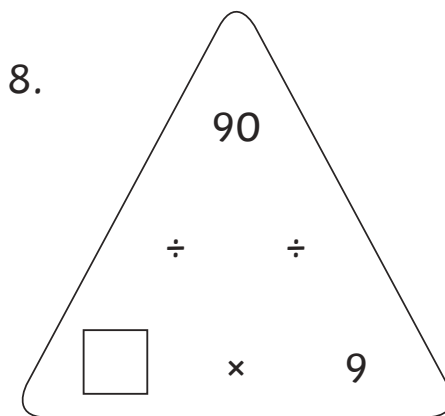
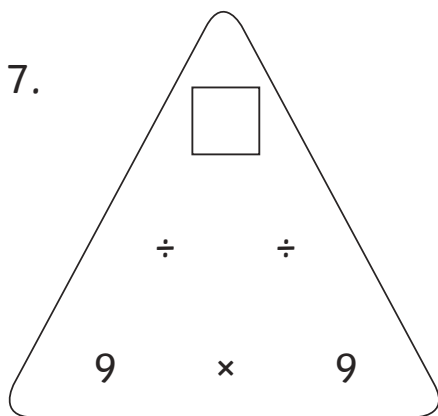
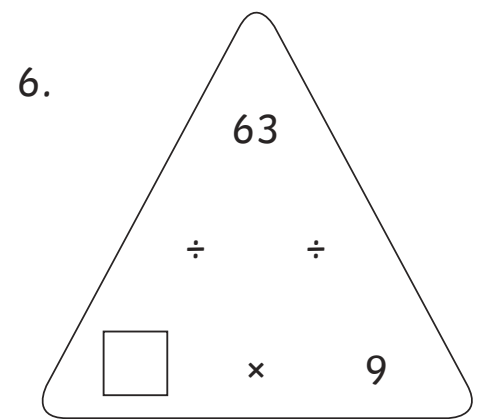
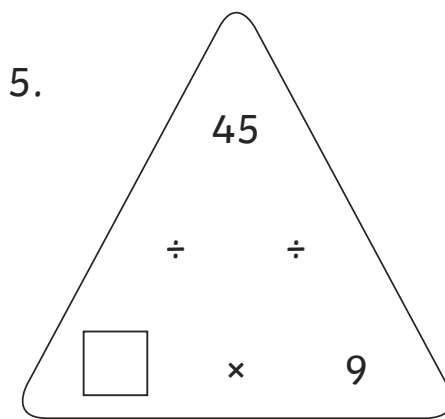
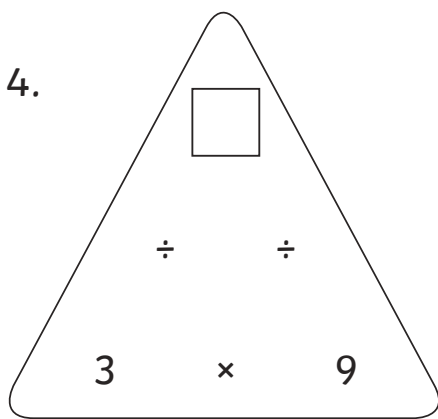
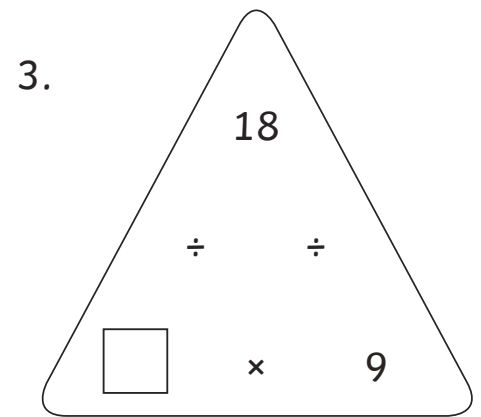
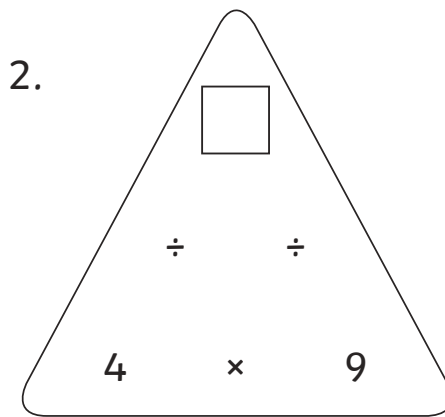
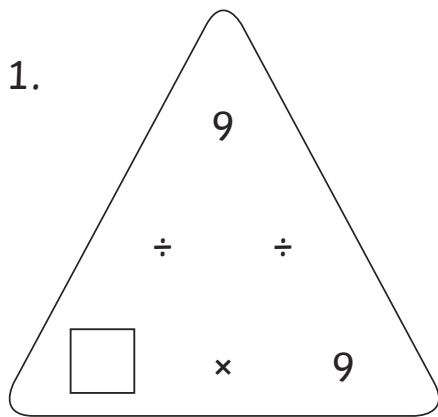


_____ $\times$ _____ = _____

[illegible]

Multiplication Triangles x9

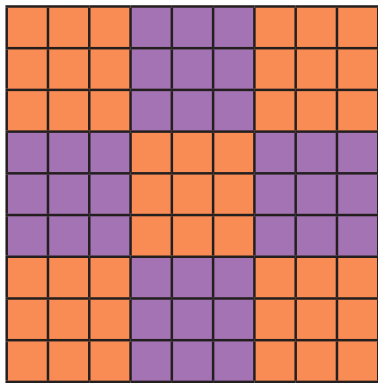
Fill in the blanks in these multiplication triangles.



9 Times Table Maths Mastery Mat

Bathroom Tile Design

Calculate the number of tiles.



orange =

purple =

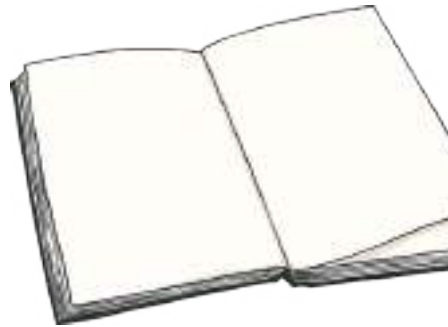
total =

There are 9 chapters in the book.

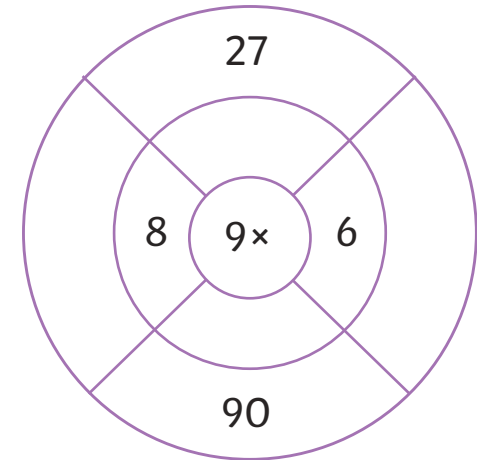
Each chapter has 11 pages.

How many pages are in the whole book?

pages



Complete the multiplication wheel.



Explain how knowing 10 times table facts can help with working out 9 times table facts.

Complete the number sequence.

9		27	36	
				54
99	90			63

The teacher needs 63 stickers.

Each pack contains 9 stickers.

How many packs of stickers does the teacher need to buy?

packs

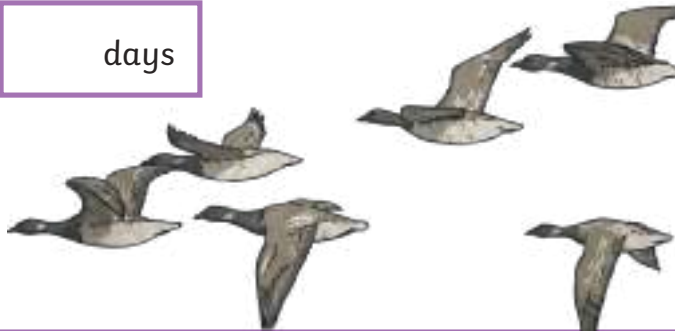


9 Times Table Maths Mastery Mat

On average, migrating birds fly 9 miles a day.

How many days would it take a bird to fly 72 miles?

days

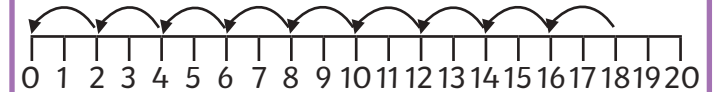


Look at the multiples of 9. Identify and explain any interesting patterns.

9
18
27
36
45
54



Complete the calculation to match the number line.



$$\square \div \square = \square$$

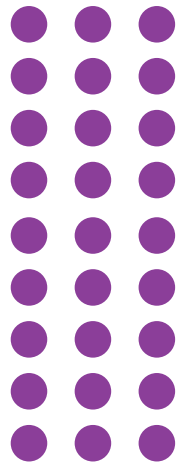
Fill in the missing boxes.

$$5400 \div \square = 9$$

$$\square \times 60 = 5400$$

$$\square = 9 \times 60$$

Circle the facts that match the array.



$$9 + 9 + 9 = 27$$

$$36 \div 9 = 4$$

$$3 \times 9 = 27$$

$$9 + 9 + 9 + 9 = 36$$

Circle the **correct** calculations.

$$9 \times 9 = 72$$

$$36 \div 9 = 4$$

$$45 = 5 \times 9$$

$$90 \div 9 = 10$$

$$9 \times 2 = 16$$

$$11 = 98 \div 9$$

$$9 = 9 \times 1$$

$$63 \div 9 = 6$$

Times Table Speed Challenge $\times 9$

Name _____



$\times 9$ Set 1	$\times 9$ Set 9	$\times 9$ Set 3	$\times 9$ Set 4	$\times 9$ Set 5
$9 \times 1 =$	$9 \times 3 =$	$3 \times 9 =$	$4 \times 9 =$	$7 \times 9 =$
$4 \times 9 =$	$2 \times 9 =$	$9 \times 7 =$	$10 \times 9 =$	$9 \times 9 =$
$9 \times 6 =$	$9 \times 5 =$	$9 \times 9 =$	$5 \times 9 =$	$9 \times 4 =$
$8 \times 9 =$	$7 \times 9 =$	$6 \times 9 =$	$12 \times 9 =$	$9 \times 6 =$
$9 \times 10 =$	$9 \times 12 =$	$10 \times 9 =$	$9 \times 1 =$	$9 \times 3 =$
$9 \times 9 =$	$9 \times 9 =$	$1 \times 9 =$	$9 \times 11 =$	$12 \times 9 =$
$9 \times 3 =$	$4 \times 9 =$	$9 \times 5 =$	$9 \times 9 =$	$9 \times 2 =$
$5 \times 9 =$	$10 \times 9 =$	$9 \times 12 =$	$6 \times 9 =$	$8 \times 9 =$
$9 \times 7 =$	$9 \times 6 =$	$4 \times 9 =$	$9 \times 8 =$	$1 \times 9 =$
$9 \times 2 =$	$9 \times 1 =$	$8 \times 9 =$	$3 \times 9 =$	$9 \times 5 =$
Time:	Time:	Time:	Time:	Time:
Score:	Score:	Score:	Score:	Score:

11 TIMES TABLES

66

121

22

99

55

88

110

132

44

33

77

11

TR

11 Times Table Activities

Count in 11s and colour in the grid:

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
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140

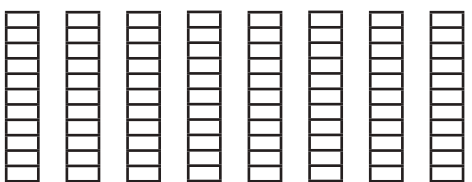
Work out these answers:

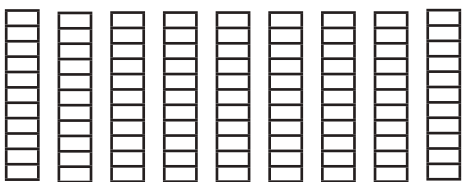
a) $2 \times 11 =$ _____ d) $6 \times 11 =$ _____

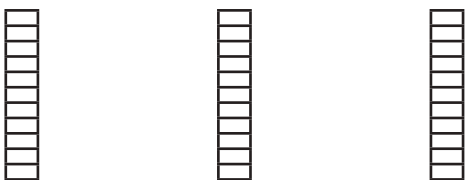
b) $12 \times 11 =$ _____ e) $7 \times 11 =$ _____

c) $5 \times 11 =$ _____ f) $9 \times 11 =$ _____

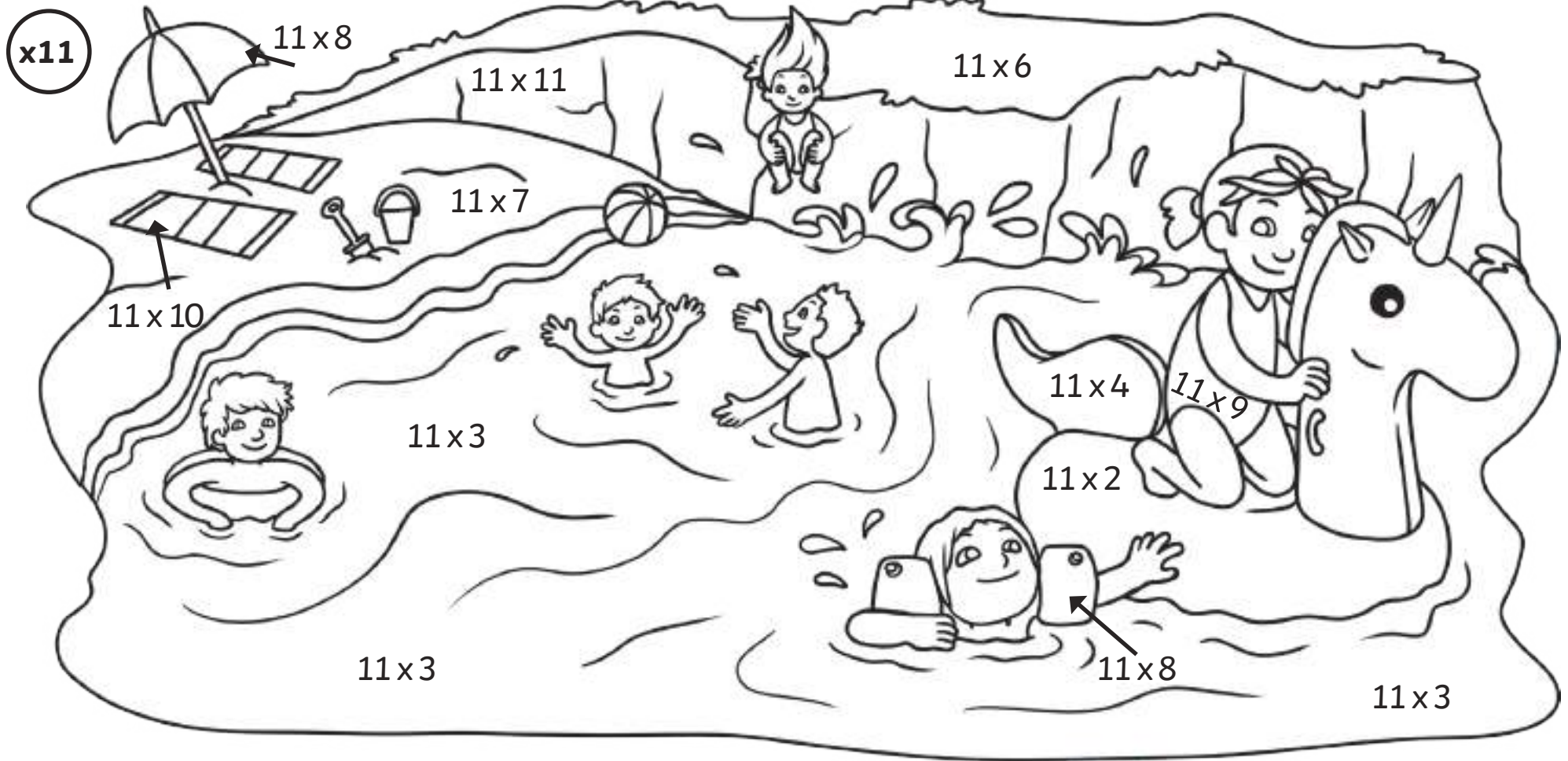
How many blocks are there?

a)  _____ $\times$ _____ = _____

b)  _____ $\times$ _____ = _____

c)  _____ $\times$ _____ = _____

Colour by Multiplication



22	white
33	blue
44	purple

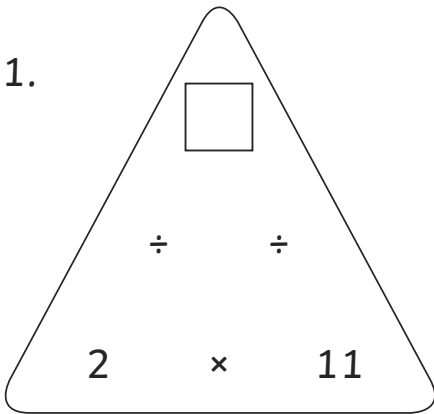
66	light green
77	light yellow
88	red

99	dark green
110	yellow
121	brown

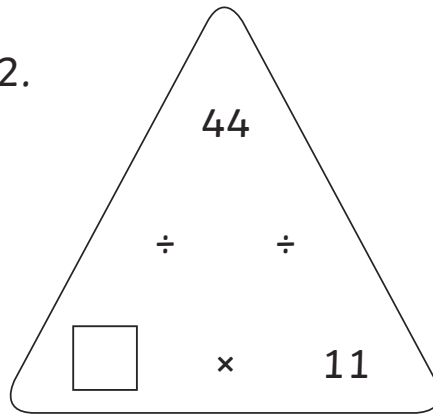
Multiplication Triangles x11

Fill in the blanks in these multiplication triangles.

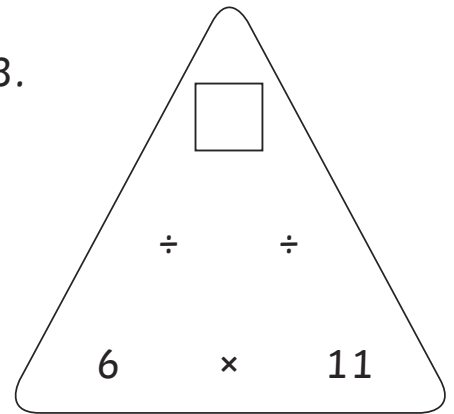
1.



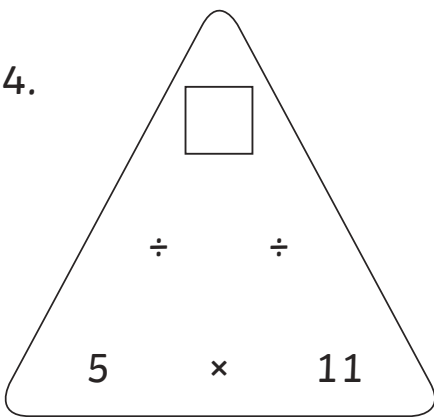
2.



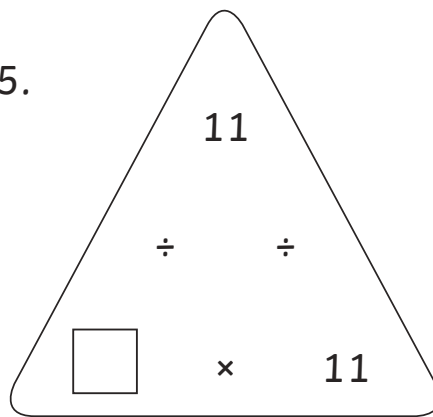
3.



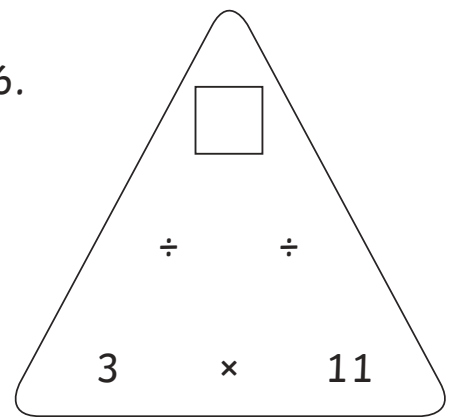
4.



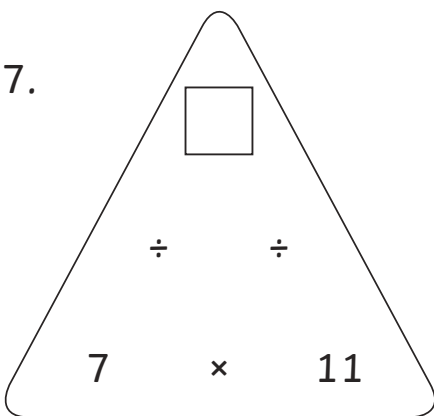
5.



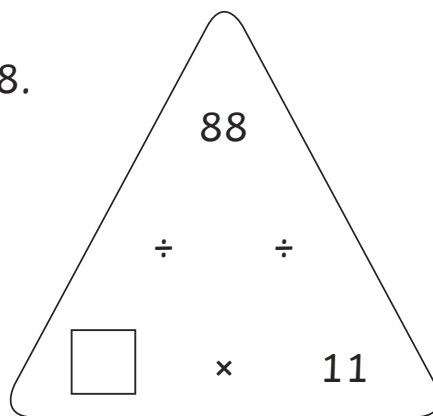
6.



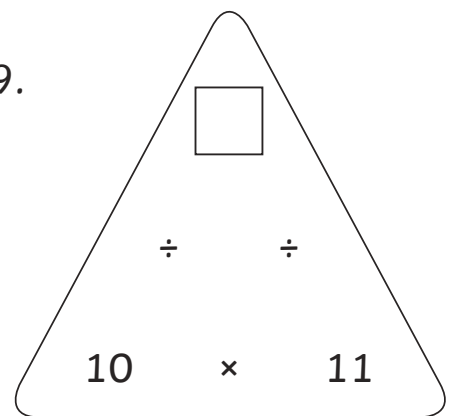
7.



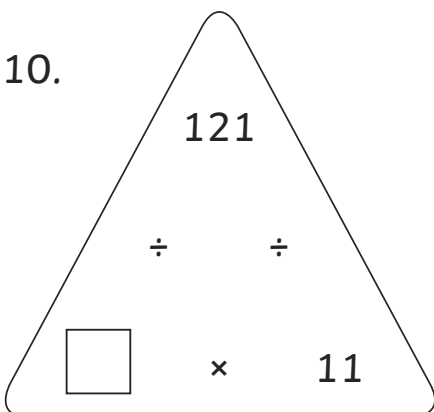
8.



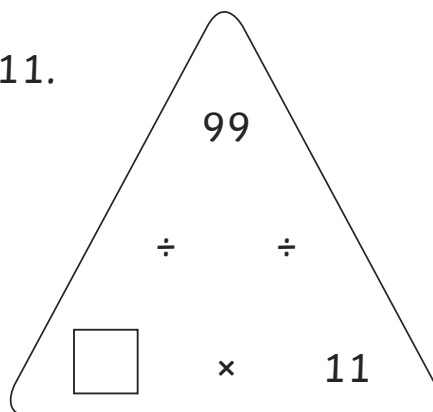
9.



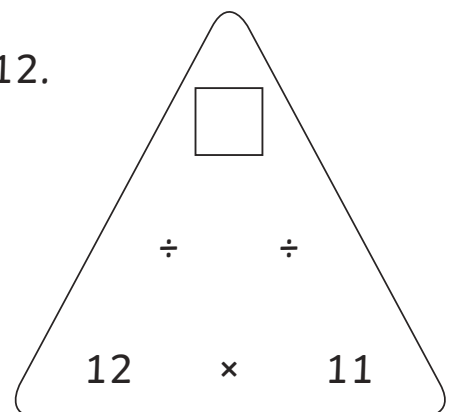
10.



11.



12.



11 Times Table Maths Mastery Mat

Complete the calculations below.



$$\square \times \square = \square$$

$$\square \times \square = \square$$

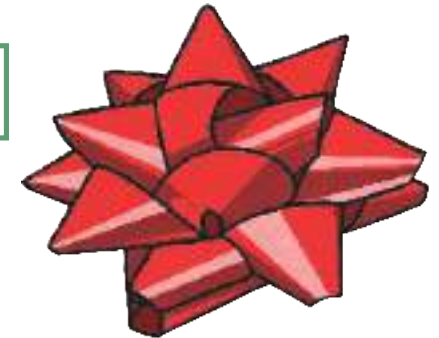
Write the first 12 multiples of 11.

Describe any interesting pattern you noticed.

11cm of ribbon is needed to make a bow to decorate a gift.

How many bows could you make with 110cm of ribbon?

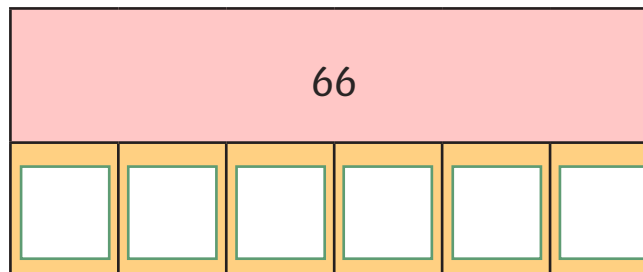
bows



Complete the table to show how much of each ingredient is needed.

Recipe Ingredients	1 Person	11 People
prawns	7	
peppers	2	
stock (tsp)		11
potatoes		44

Complete the bar model.



A multiplication fact from the 11 times table has been written using shapes.

Identify the digit each shape represents.

$$\triangle \square \times \triangle \triangle = \triangle \bigcirc \square$$

$$\triangle = \square \quad \square = \square \quad \bigcirc = \square$$

11 Times Table Maths Mastery Mat

True or false?

11 is an odd number
therefore all multiples of
11 will be odd.

Explain your answer.

There are 11 rows in the the cinema. Each row seats 10 people.

If the cinema is full, how many tickets have been sold?

tickets



How many spots do the ladybirds have altogether?

spots



Fill in the missing boxes.

$$880 \div \boxed{} = 11$$

$$\boxed{} \times 80 = 880$$

$$\boxed{} = 110 \times 80$$

The farmer has 990 carrots.

He puts them into bunches of 11. How many bunches of carrots does he have?

bunches



Circle the **correct** calculations.

$$11 \times 9 = 99$$

$$110 \div 11 = 11$$

$$44 = 11 \times 4$$

$$55 \div 5 = 5$$

$$7 \times 11 = 77$$

$$11 = 121 \div 12$$

$$131 = 12 \times 11$$

$$22 \div 2 = 11$$

Times Table Speed Challenge $\times 11$

Name _____



$\times 11$ Set 1	$\times 11$ Set 2	$\times 11$ Set 3	$\times 11$ Set 4	$\times 11$ Set 11
$11 \times 3 =$	$6 \times 11 =$	$11 \times 6 =$	$11 \times 10 =$	$2 \times 11 =$
$11 \times 7 =$	$11 \times 2 =$	$11 \times 1 =$	$11 \times 11 =$	$4 \times 11 =$
$11 \times 11 =$	$11 \times 4 =$	$8 \times 11 =$	$6 \times 11 =$	$11 \times 11 =$
$11 \times 1 =$	$5 \times 11 =$	$4 \times 11 =$	$11 \times 2 =$	$11 \times 7 =$
$8 \times 11 =$	$11 \times 11 =$	$11 \times 3 =$	$11 \times 5 =$	$11 \times 3 =$
$2 \times 11 =$	$7 \times 11 =$	$10 \times 11 =$	$3 \times 11 =$	$11 \times 12 =$
$11 \times 5 =$	$1 \times 11 =$	$12 \times 11 =$	$7 \times 11 =$	$11 \times 6 =$
$12 \times 11 =$	$11 \times 12 =$	$2 \times 11 =$	$11 \times 4 =$	$11 \times 1 =$
$4 \times 11 =$	$11 \times 10 =$	$11 \times 7 =$	$11 \times 12 =$	$8 \times 11 =$
$11 \times 6 =$	$3 \times 11 =$	$11 \times 11 =$	$1 \times 11 =$	$5 \times 11 =$
Time:	Time:	Time:	Time:	Time:
Score:	Score:	Score:	Score:	Score:

12 TIMES TABLES

144

48

72

132

108

84

36

96

12

60

24

120

TRZ

12 Times Table Activities

Count in 12s and colour in the grid:

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
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150

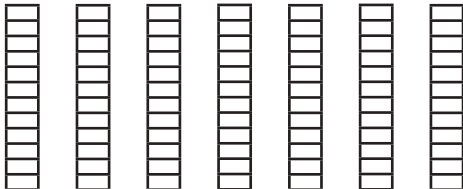
Work out these answers:

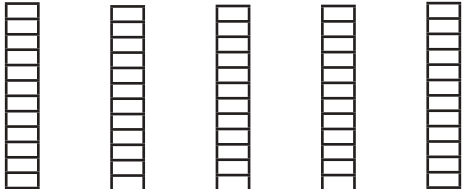
a) $4 \times 12 =$ _____ d) $6 \times 12 =$ _____

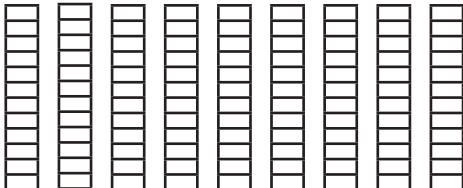
b) $8 \times 12 =$ _____ e) $7 \times 12 =$ _____

c) $5 \times 12 =$ _____ f) $9 \times 12 =$ _____

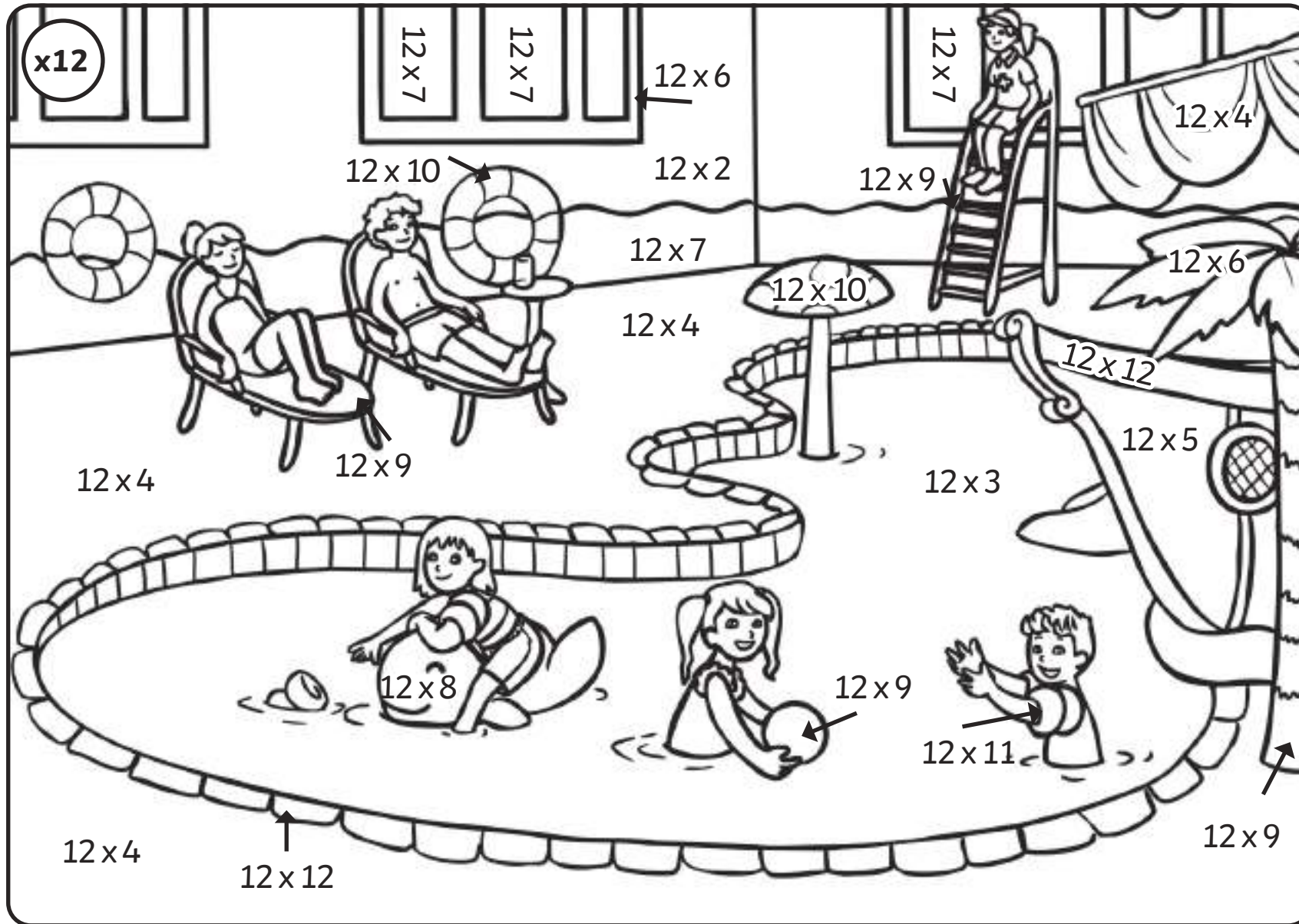
How many blocks are there?

a)  _____ $\times$ _____ = _____

b)  _____ $\times$ _____ = _____

c)  _____ $\times$ _____ = _____

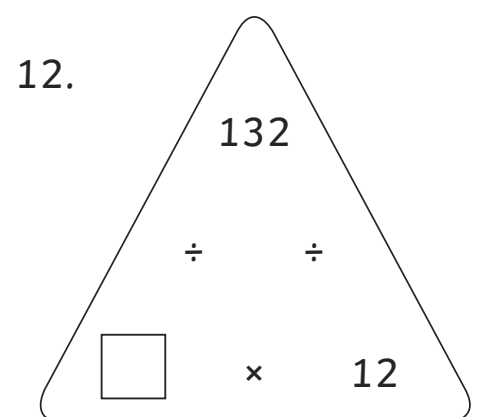
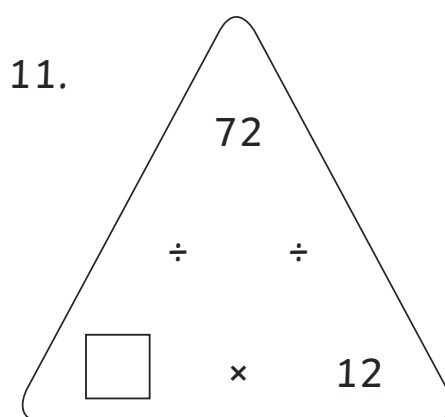
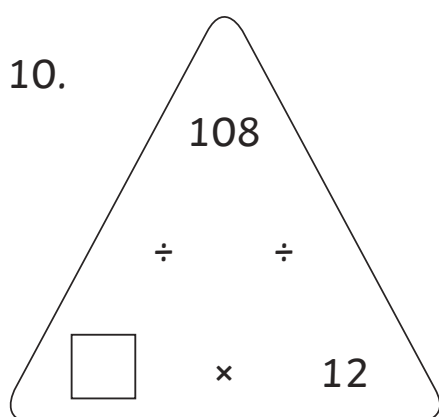
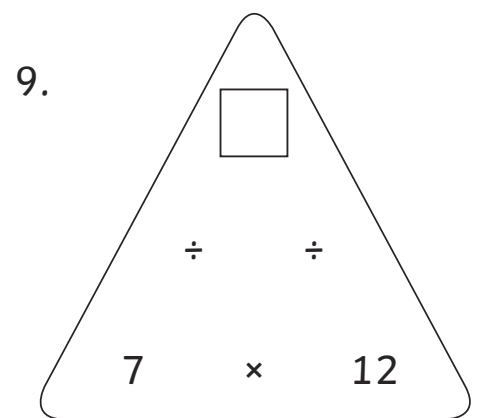
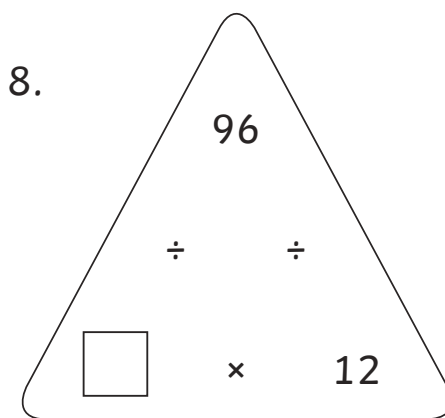
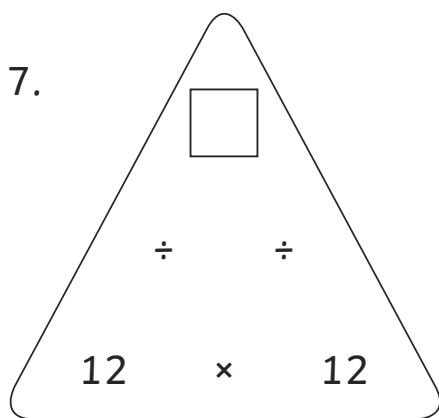
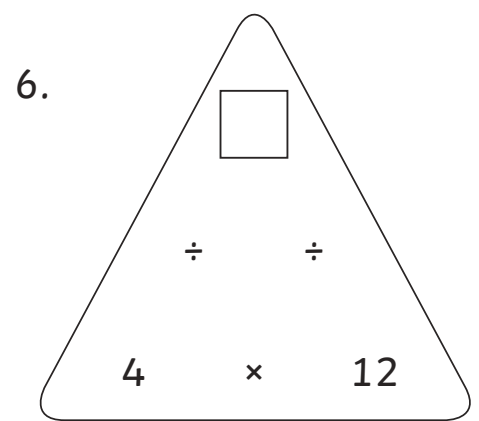
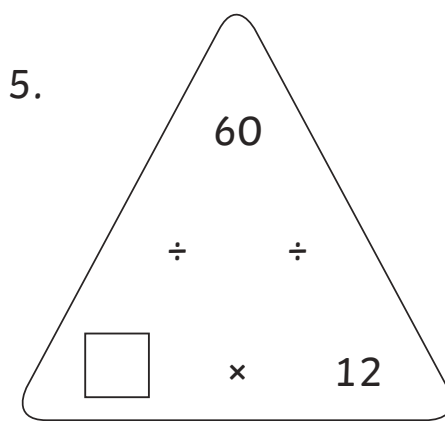
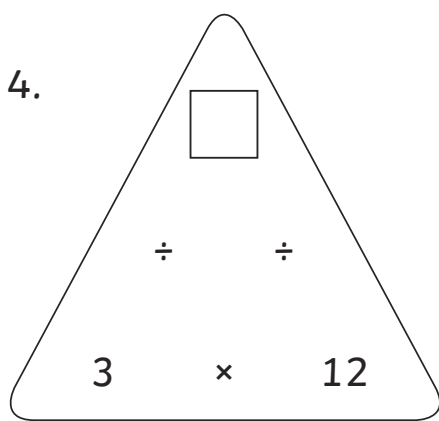
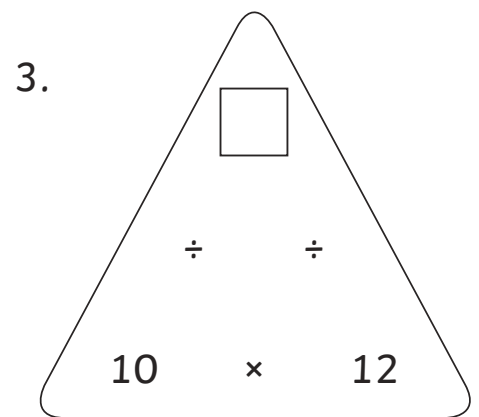
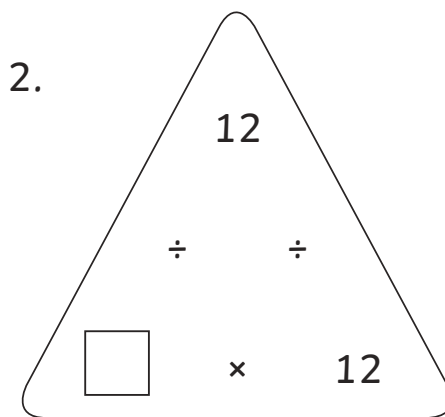
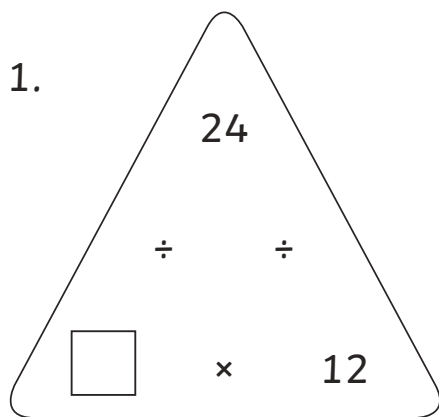
Colour by Multiplication



24	light green
36	blue
48	white
60	dark brown
72	dark green
84	light blue
96	pink
108	yellow
120	red
132	orange
144	light brown

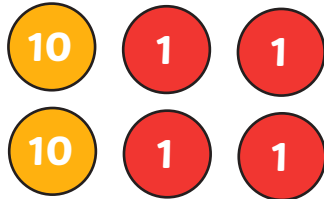
Multiplication Triangles x12

Fill in the blanks in these multiplication triangles.



12 Times Table Maths Mastery Mat

Complete the calculations.



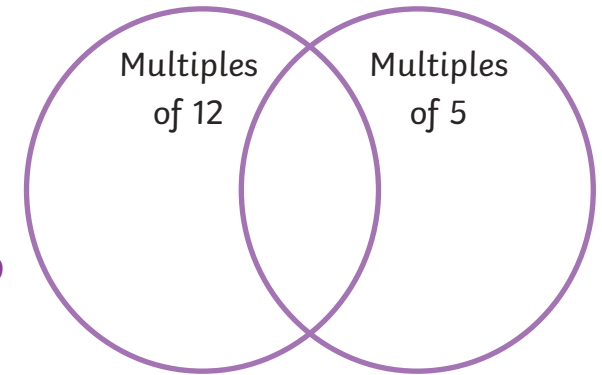
$$\square \times \square = \square$$

$$\square \times \square = \square$$

Explain how knowing 10 times and 2 times tables facts can help you work out 12 times table facts.

Sort the numbers and put them in the correct place on the Venn diagram.

12
10
60
72
35
120
90
48



It takes the bus 12 minutes to travel between each stop on its route.

How many stops will it have made after 2 hours?

stops



Write a fact family using 11, 132 and 12.

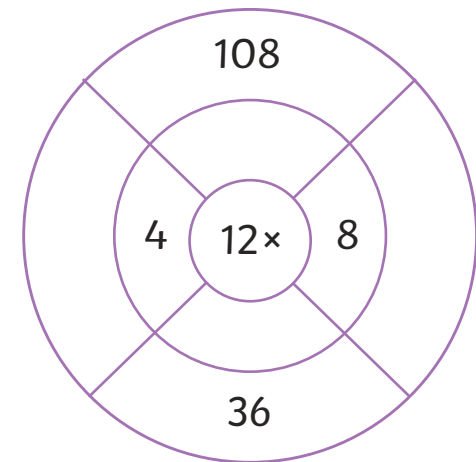
$$\square \times \square = \square$$

$$\square \times \square = \square$$

$$\square \div \square = \square$$

$$\square \div \square = \square$$

Complete the multiplication wheel.



12 Times Table Maths Mastery Mat

Solve these 12 times calculations.

I = 1 V = 5 X = 10 L = 50

$$\text{XII} \times \text{V} = \boxed{}$$

$$\text{IX} \times \text{XII} = \boxed{}$$

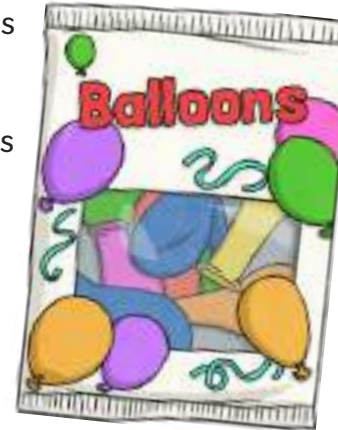
$$\text{LXXXIV} \div \text{XII} = \boxed{}$$

Maria needs 108 balloons to make decorations for the party.

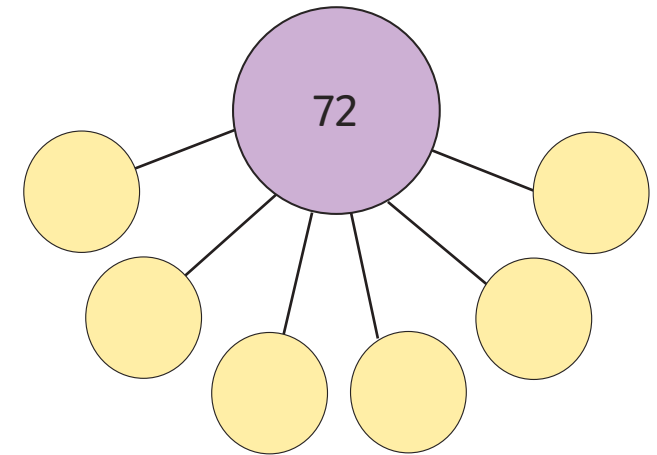
They are sold in bags of 12.

How many bags does she need to buy?

bags



Complete the part-whole model.



There are two boxes of pea seeds.

Each box contains 6 packs of seeds and in each pack there are 12 seeds.

How many seeds are there altogether?

seeds



Fill in the missing boxes.

$$960 \div \boxed{} = 12$$

$$\boxed{} \times 80 = 960$$

$$\boxed{} = 120 \times 80$$

Match the calculations that are equal.

$$12 \times 2 \qquad (10 \times 2) + (2 \times 2)$$

$$8 \times 12 \qquad 12 \times 4$$

$$3 \times 12 \qquad 6 \times 8 \times 2$$

$$4 \times 12 \qquad 12 + 12 + 12$$

Times Table Speed Challenge $\times 12$

Name _____



$\times 12$ Set 1	$\times 12$ Set 2	$\times 12$ Set 3	$\times 12$ Set 4	$\times 12$ Set 5
$1 \times 12 =$	$12 \times 1 =$	$3 \times 12 =$	$12 \times 3 =$	$5 \times 12 =$
$12 \times 2 =$	$2 \times 12 =$	$12 \times 8 =$	$10 \times 12 =$	$12 \times 2 =$
$12 \times 12 =$	$12 \times 10 =$	$9 \times 12 =$	$12 \times 5 =$	$12 \times 11 =$
$3 \times 12 =$	$9 \times 12 =$	$12 \times 4 =$	$4 \times 12 =$	$3 \times 12 =$
$12 \times 6 =$	$12 \times 3 =$	$1 \times 12 =$	$6 \times 12 =$	$12 \times 6 =$
$12 \times 11 =$	$11 \times 12 =$	$12 \times 11 =$	$12 \times 1 =$	$9 \times 12 =$
$9 \times 12 =$	$12 \times 12 =$	$12 \times 2 =$	$11 \times 12 =$	$12 \times 12 =$
$12 \times 4 =$	$12 \times 5 =$	$5 \times 12 =$	$12 \times 7 =$	$12 \times 8 =$
$5 \times 12 =$	$4 \times 12 =$	$12 \times 12 =$	$12 \times 12 =$	$1 \times 12 =$
$12 \times 8 =$	$12 \times 7 =$	$12 \times 6 =$	$2 \times 12 =$	$12 \times 4 =$
Time:	Time:	Time:	Time:	Time:
Score:	Score:	Score:	Score:	Score:

Times Table Speed Challenge $\times 7$, $\times 9$, $\times 11$ and $\times 12$

Name _____



$\times 7, 9, 11, 12$ Set 1	$\times 7, 9, 11, 12$ Set 2	$\times 7, 9, 11, 12$ Set 3	$\times 7, 9, 11, 12$ Set 4	$\times 7, 9, 11, 12$ Set 5
$1 \times 7 =$	$4 \times 11 =$	$5 \times 7 =$	$12 \times 7 =$	$9 \times 9 =$
$2 \times 9 =$	$9 \times 5 =$	$12 \times 5 =$	$7 \times 12 =$	$11 \times 1 =$
$7 \times 10 =$	$2 \times 12 =$	$8 \times 9 =$	$8 \times 12 =$	$7 \times 2 =$
$11 \times 9 =$	$3 \times 7 =$	$11 \times 5 =$	$7 \times 4 =$	$4 \times 9 =$
$12 \times 1 =$	$10 \times 9 =$	$6 \times 11 =$	$9 \times 3 =$	$12 \times 11 =$
$9 \times 1 =$	$12 \times 3 =$	$9 \times 9 =$	$11 \times 3 =$	$12 \times 9 =$
$2 \times 11 =$	$7 \times 8 =$	$12 \times 12 =$	$7 \times 7 =$	$9 \times 11 =$
$11 \times 7 =$	$11 \times 7 =$	$9 \times 7 =$	$8 \times 11 =$	$10 \times 12 =$
$2 \times 12 =$	$1 \times 7 =$	$6 \times 12 =$	$12 \times 11 =$	$10 \times 11 =$
$12 \times 9 =$	$11 \times 11 =$	$7 \times 6 =$	$6 \times 9 =$	$9 \times 7 =$
Time:	Time:	Time:	Time:	Time:
Score:	Score:	Score:	Score:	Score:

Mixed Times Table Speed Challenge

Name _____

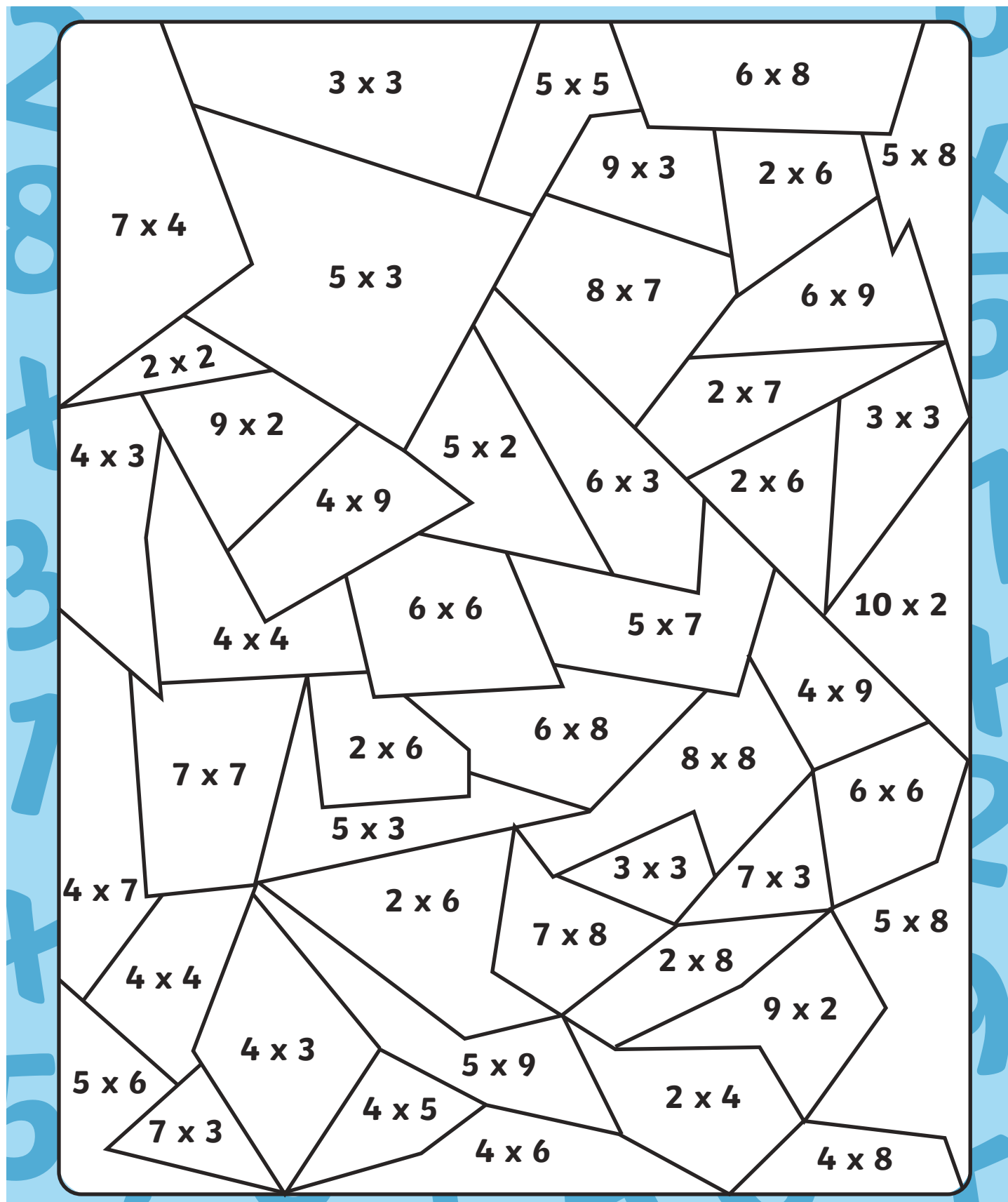


Mixed Times Tables	Mixed Times Tables	Mixed Times Tables	Mixed Times Tables	Mixed Times Tables
$2 \times 1 =$	$2 \times 5 =$	$8 \times 3 =$	$2 \times 9 =$	$2 \times 4 =$
$8 \times 5 =$	$2 \times 3 =$	$4 \times 5 =$	$11 \times 4 =$	$7 \times 5 =$
$9 \times 4 =$	$11 \times 11 =$	$2 \times 3 =$	$4 \times 3 =$	$2 \times 12 =$
$2 \times 5 =$	$1 \times 4 =$	$6 \times 4 =$	$11 \times 5 =$	$8 \times 4 =$
$6 \times 3 =$	$7 \times 3 =$	$10 \times 5 =$	$9 \times 3 =$	$5 \times 3 =$
$12 \times 12 =$	$9 \times 5 =$	$3 \times 3 =$	$9 \times 9 =$	$1 \times 5 =$
$2 \times 10 =$	$5 \times 4 =$	$2 \times 4 =$	$2 \times 11 =$	$10 \times 3 =$
$8 \times 8 =$	$2 \times 6 =$	$10 \times 10 =$	$7 \times 4 =$	$12 \times 5 =$
$4 \times 4 =$	$3 \times 5 =$	$10 \times 4 =$	$3 \times 4 =$	$2 \times 8 =$
$11 \times 3 =$	$12 \times 3 =$	$2 \times 7 =$	$6 \times 5 =$	$12 \times 4 =$
Time:	Time:	Time:	Time:	Time:
Score:	Score:	Score:	Score:	Score:

Colour by Multiplication

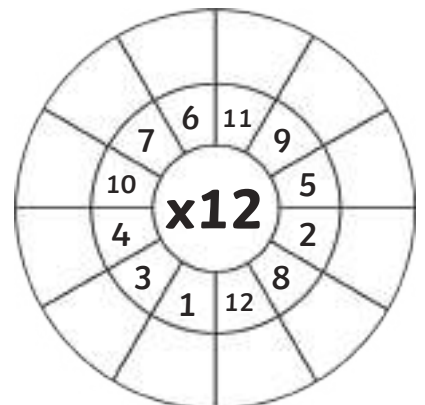
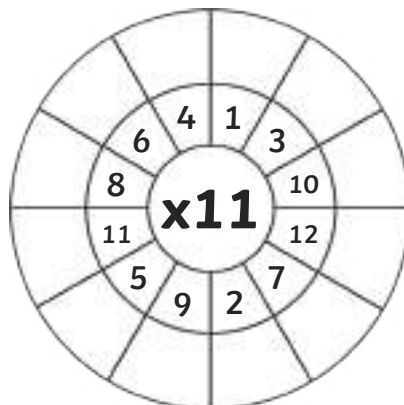
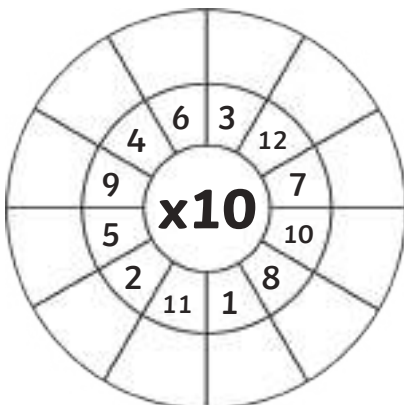
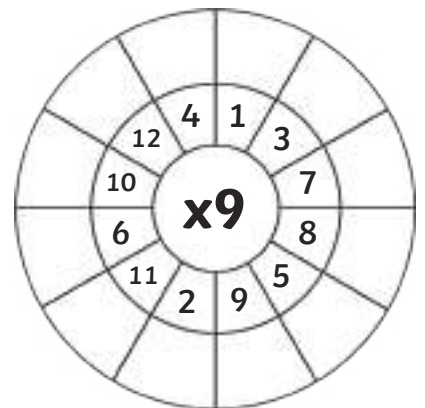
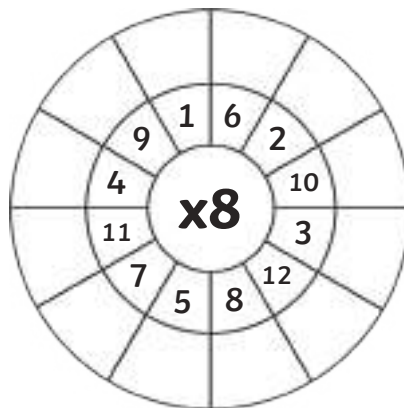
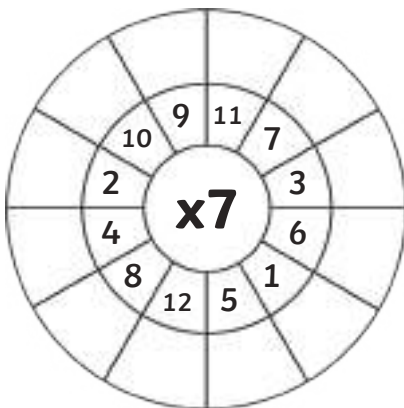
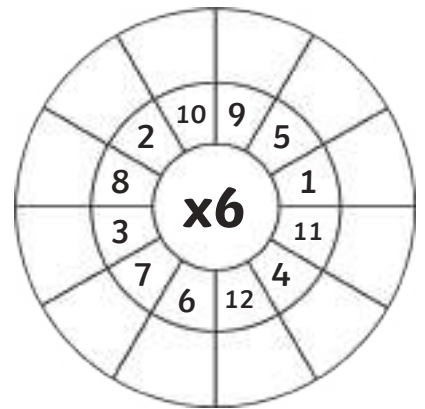
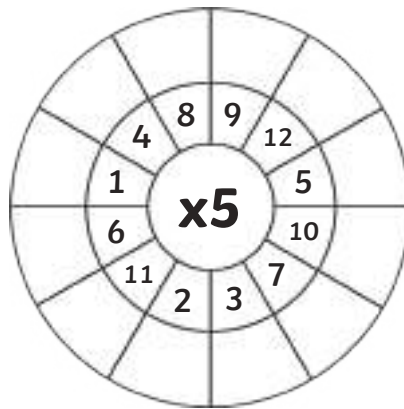
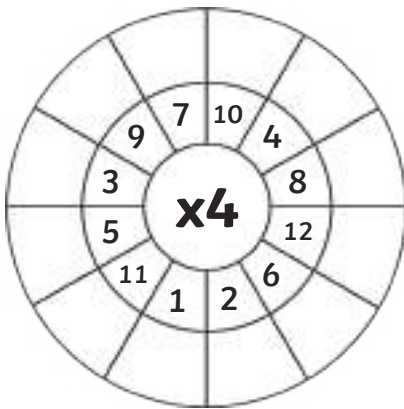
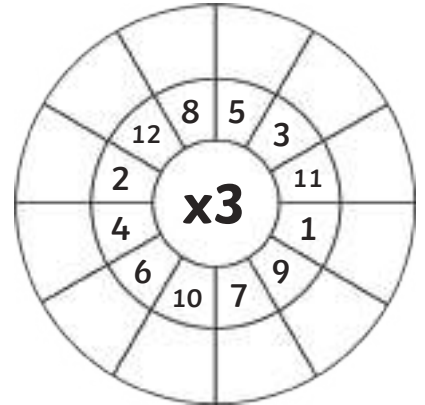
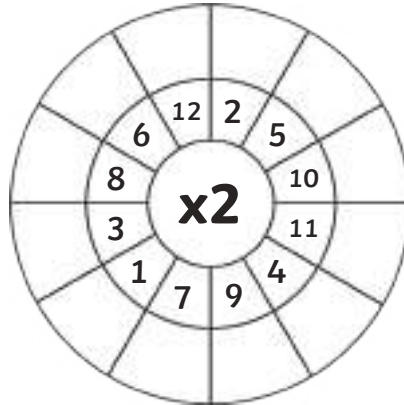
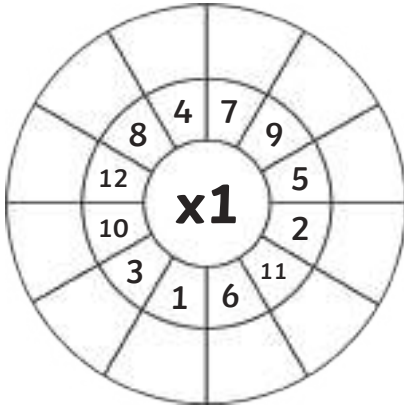
Do the multiplication calculation and colour the shape in the correct colour.

0-10 11-20 21-30 31-40 41-50 51-60 61-70



Multiplication Wheels

Multiply the numbers by the middle number.



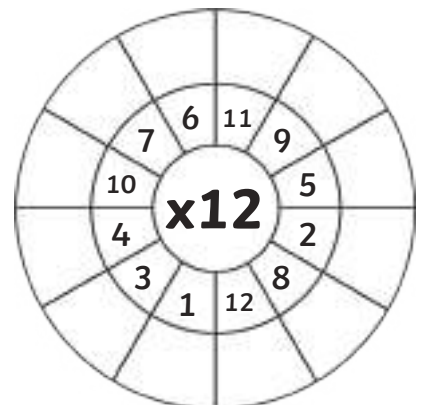
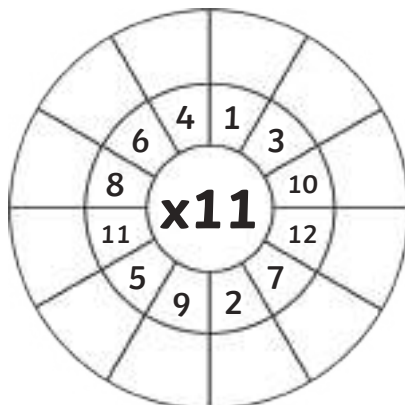
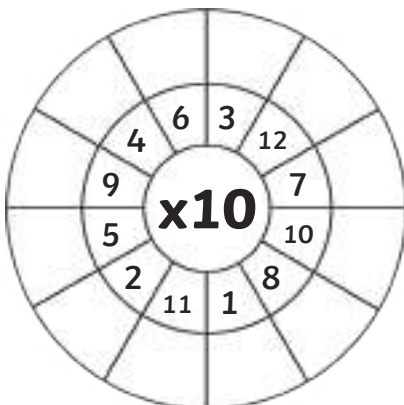
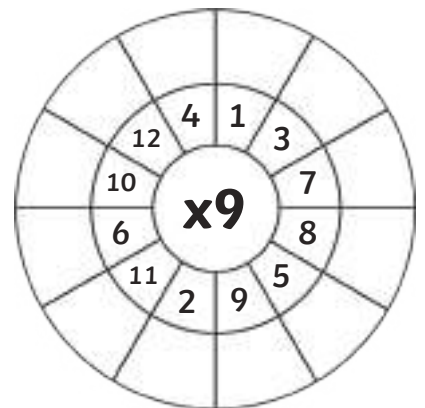
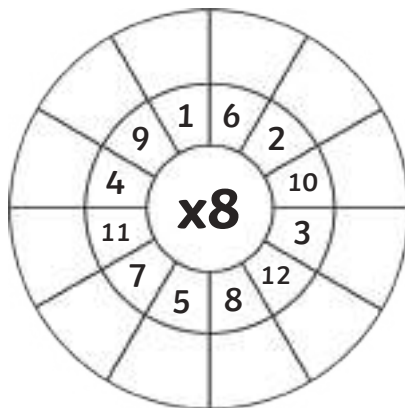
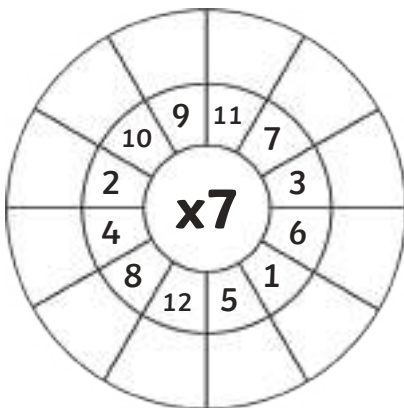
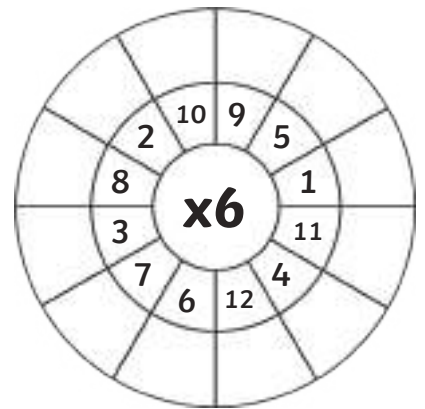
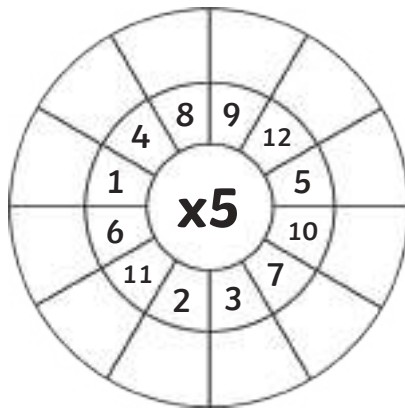
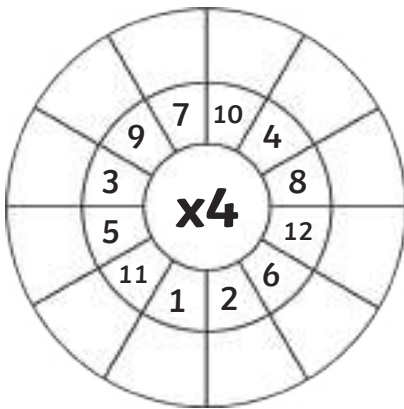
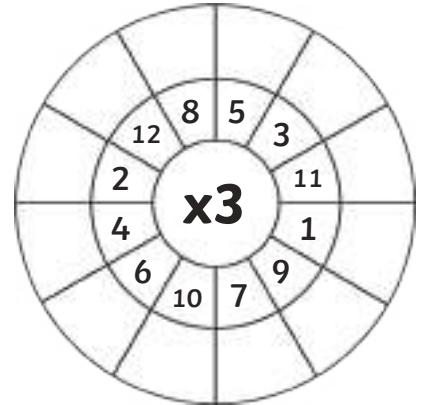
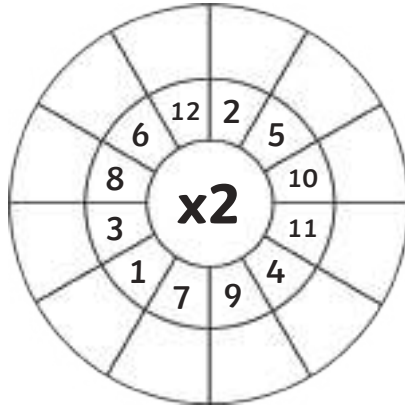
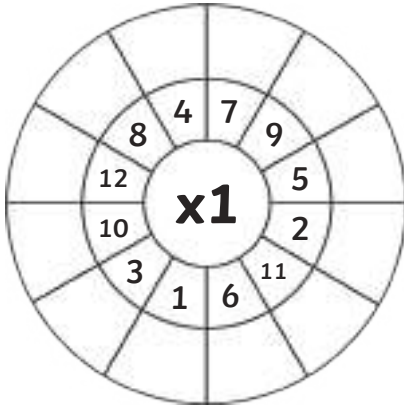
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Multiplication Wheels

Multiply the numbers by the middle number.



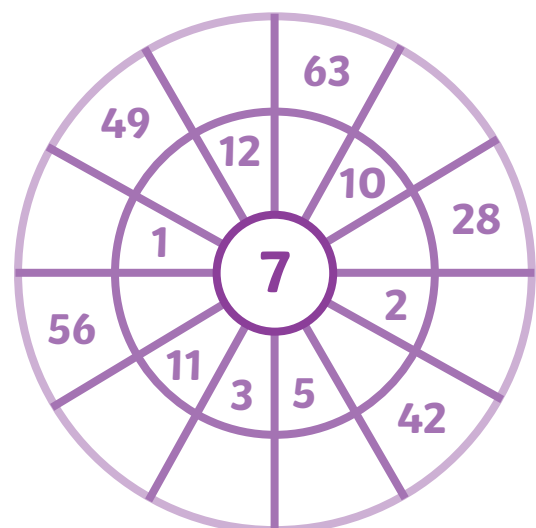
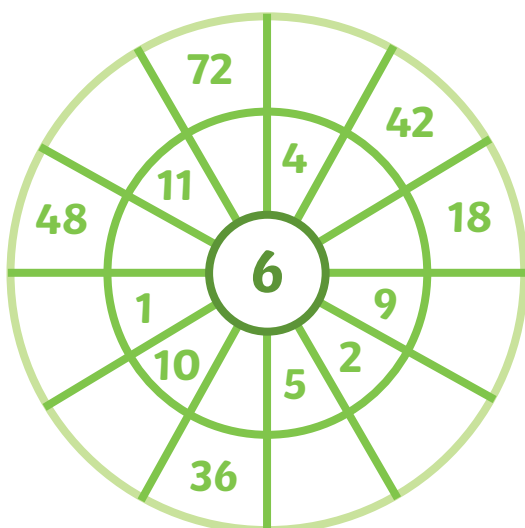
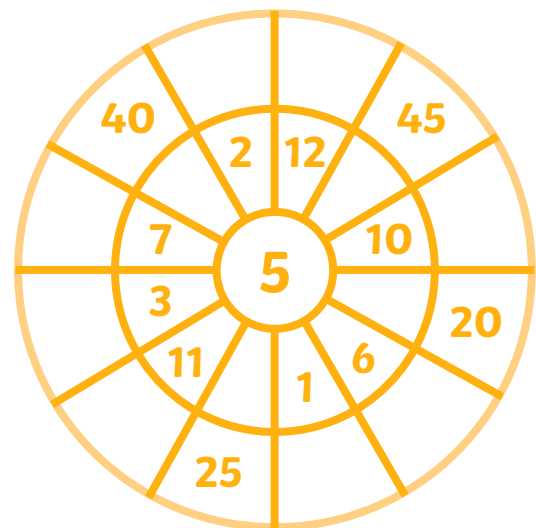
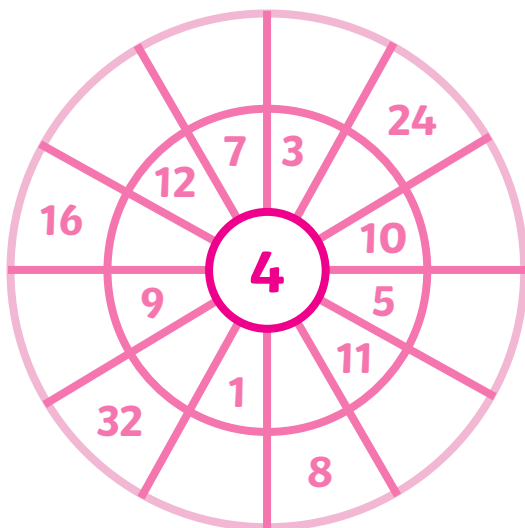
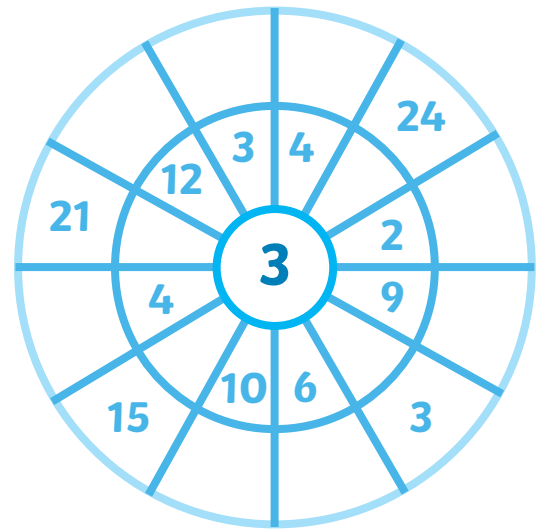
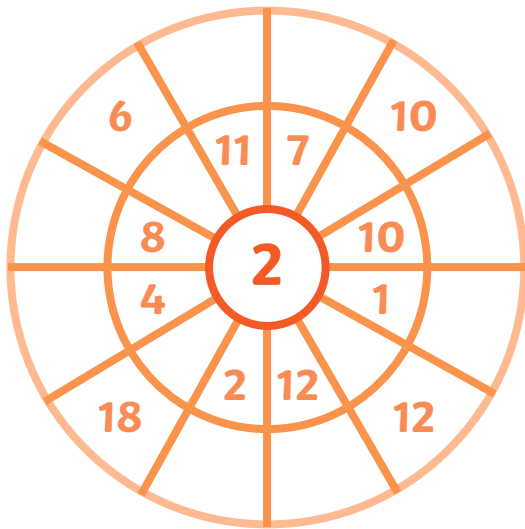
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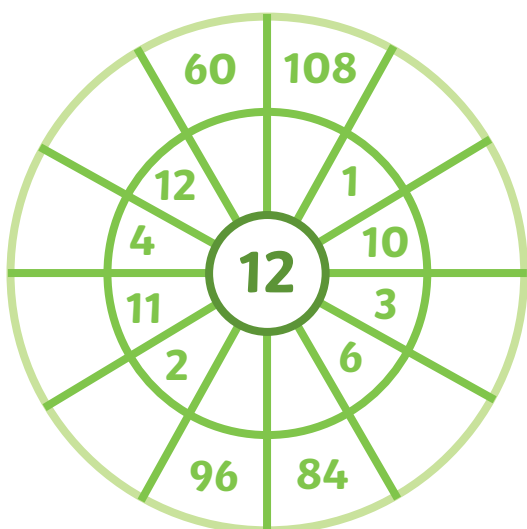
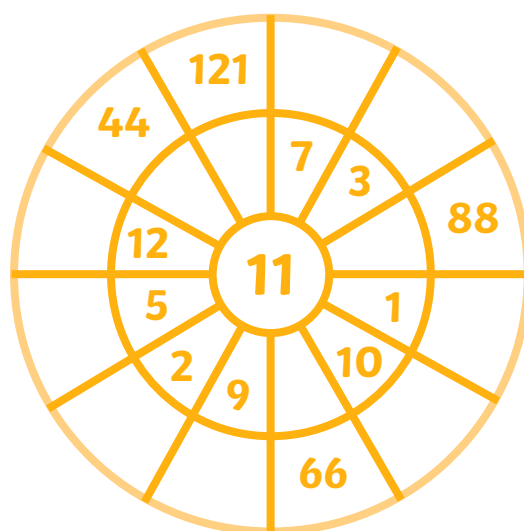
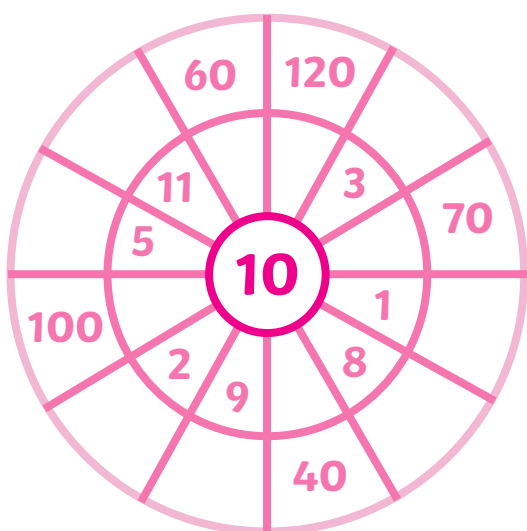
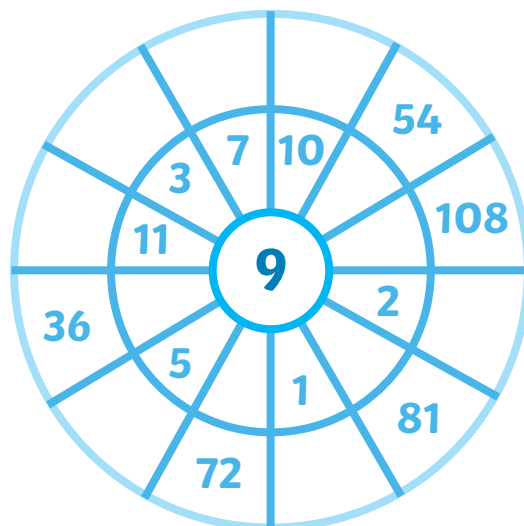
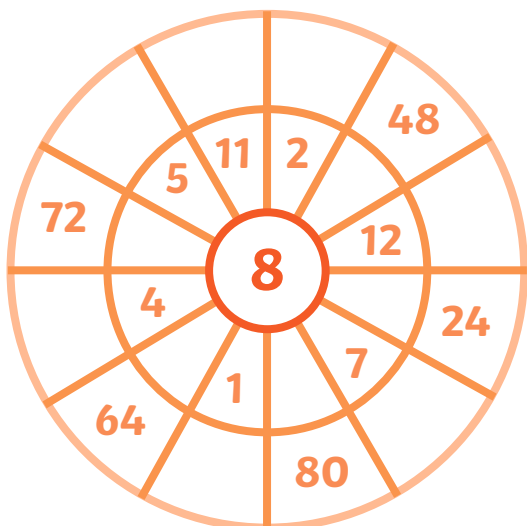
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Mixed Multiplication Wheel Activity KS2

Multiply the numbers on the wheels by the middle number. Sometimes, you may be given the answer so you need to use your division skills to work out the missing number.





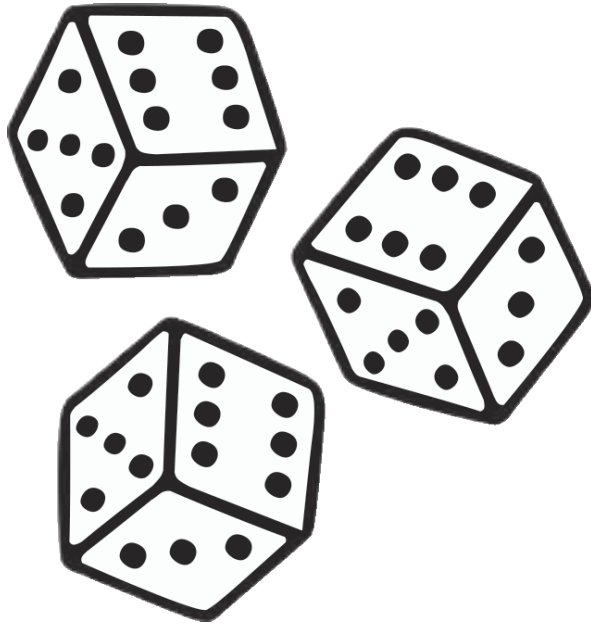
Multiplication Dice Game Worksheet

Name _____

Date: _____

How to play:

1. Roll a pair of dice.
2. Multiply your 2 numbers.
3. Colour your answer in on the grid.
4. First one to colour 4 in a row wins!



18	12	24	8	10	24	6	15
36	30	12	9	2	5	4	18
4	24	4	8	6	8	15	3
10	12	25	15	20	6	16	8
36	12	12	30	5	12	5	30
10	25	1	9	5	6	10	20
18	20	9	10	16	15	4	3
1	30	4	20	2	3	6	15