

6 times table

	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Shade in or circle the multiples of 6 up to 100

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

Can you see any patterns in the 6 times table?

Write in the missing numbers

$1 \times 6 = \underline{\quad}$

$2 \times 6 = \underline{\quad}$

$3 \times 6 = \underline{\quad}$

$4 \times 6 = \underline{\quad}$

$5 \times 6 = \underline{\quad}$

$6 \times 6 = \underline{\quad}$

$7 \times 6 = \underline{\quad}$

$8 \times 6 = \underline{\quad}$

$9 \times 6 = \underline{\quad}$

$10 \times 6 = \underline{\quad}$

$11 \times 6 = \underline{\quad}$

$12 \times 6 = \underline{\quad}$

$\underline{\quad} \div 6 = 1$

$\underline{\quad} \div 6 = 2$

$\underline{\quad} \div 6 = 3$

$\underline{\quad} \div 6 = 4$

$\underline{\quad} \div 6 = 5$

$\underline{\quad} \div 6 = 6$

$\underline{\quad} \div 6 = 7$

$\underline{\quad} \div 6 = 8$

$\underline{\quad} \div 6 = 9$

$\underline{\quad} \div 6 = 10$

$\underline{\quad} \div 6 = 11$

$\underline{\quad} \div 6 = 12$

Match each question to its answer

72

18

10 x 6

30

3 x 6

6

7 x 6

9 x 6

60

12 x 6

5 x 6

2 x 6

66

6 x 6

42

36

48

8 x 6

1 x 6

4 x 6

11 x 6

54

12

24

Add in the missing numbers

_____ x 6 = 30	6 x 6 = _____
____ x 6 = 72	___ x 6 = 6
2 x 6 = _____	_____ x 6 = 54
_____ x 6 = 42	_____ x 6 = 24
10 x 6 = _____	_____ x 6 = 66
8 x 6 = _____	3 x 6 = _____

Circle the multiples of 6

30 3 15 26 42 18 66
6 54 61 48
4 72 37 60 2
24 16 60 36
12

Match each question to its answer

48 ÷ 6

54 ÷ 6

36 ÷ 6

12

60 ÷ 6

42 ÷ 6

72 ÷ 6

6 ÷ 6

11

24 ÷ 6

30 ÷ 6

18 ÷ 6

66 ÷ 6

12 ÷ 6

1

3

6

10

4

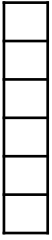
2

9

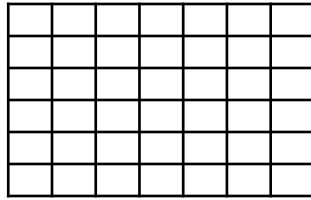
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5

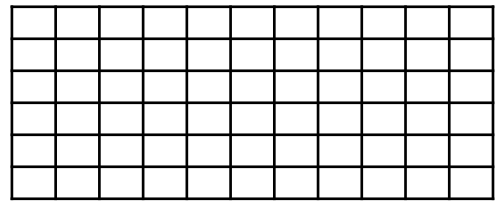
How many boxes?



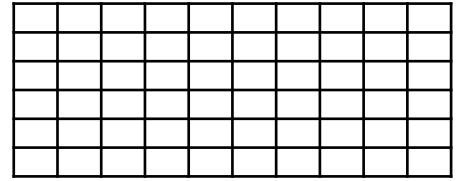
$$1 \times 6 = 6$$



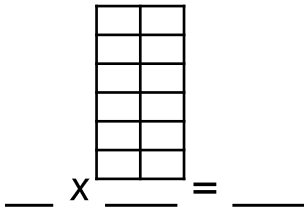
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



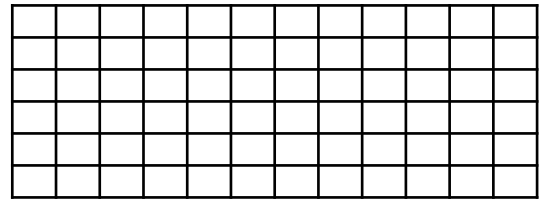
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



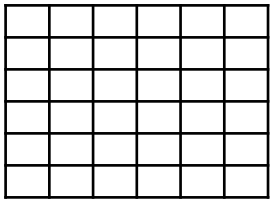
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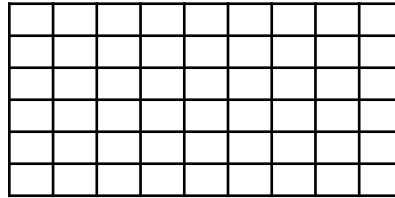
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



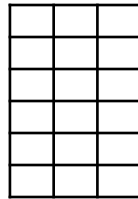
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



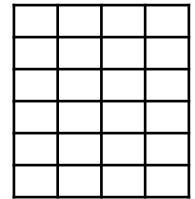
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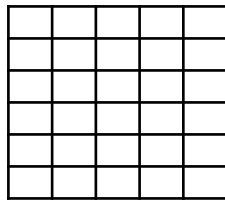
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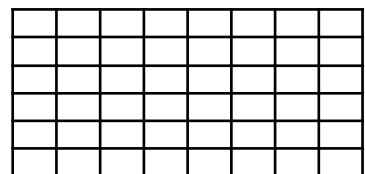
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

Add in the missing numbers

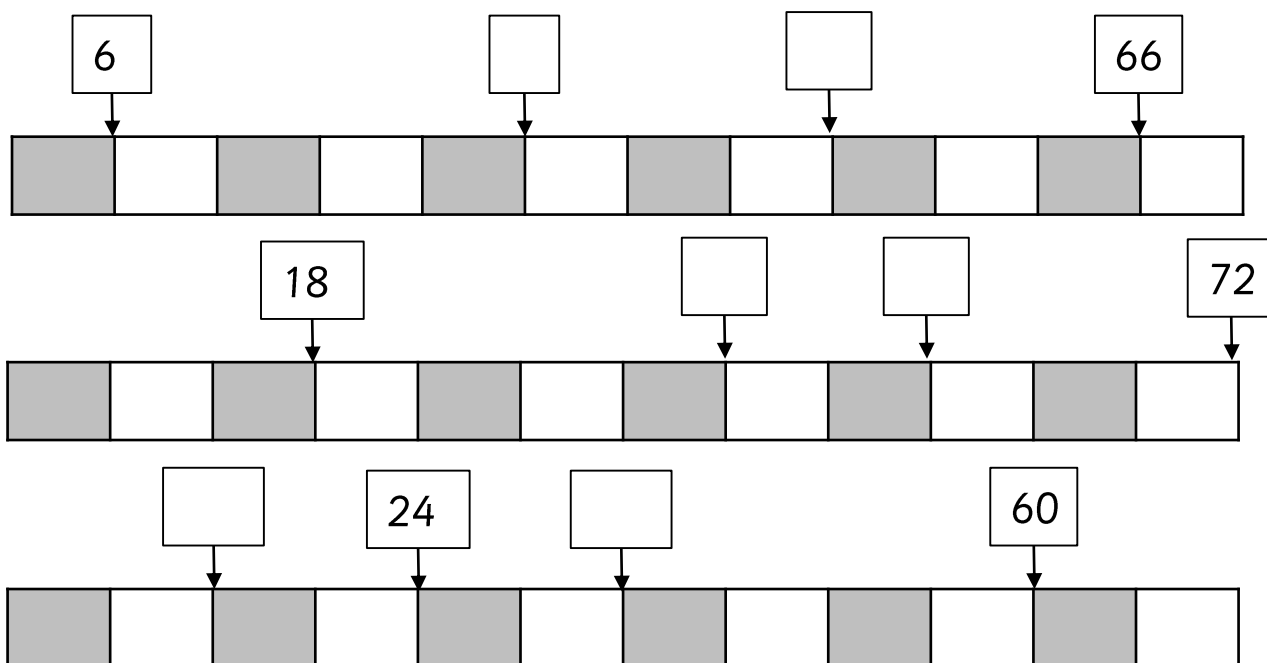
Set 1	Set 2	Set 3
$7 \times 6 = \underline{\quad}$ $\underline{\quad} \div 6 = 10$ $\underline{\quad} \div 6 = 12$ $1 = \underline{\quad} \div 6$ $2 = \underline{\quad} \div 6$ $\underline{\quad} = 8 \times 6$ $54 = \underline{\quad} \times 6$ $\underline{\quad} = 12 \times 6$ $60 = \underline{\quad} \times 6$ $5 = \underline{\quad} \div 6$	$6 = \underline{\quad} \div 6$ $\underline{\quad} = 3 \times 6$ $24 = \underline{\quad} \times 6$ $\underline{\quad} = 5 \times 6$ $6 \div 6 = \underline{\quad}$ $\underline{\quad} = 42 \div 6$ $66 \div 6 = \underline{\quad}$ $\underline{\quad} = 48 \div 6$ $9 = \underline{\quad} \div 6$ $1 \times 6 = \underline{\quad}$	$3 \times 6 = \underline{\quad}$ $42 \div 6 = \underline{\quad}$ $\underline{\quad} \div 6 = 8$ $54 \div 6 = \underline{\quad}$ $\underline{\quad} \times 6 = 66$ $12 \times 6 = \underline{\quad}$ $\underline{\quad} \times 6 = 24$ $5 \times 6 = \underline{\quad}$ $\underline{\quad} = 6 \times 6$ $42 = \underline{\quad} \times 6$
Set 4	Set 5	Set 6
$\underline{\quad} \div 6 = 3$ $24 \div 6 = \underline{\quad}$ $30 \div 6 = \underline{\quad}$ $3 = \underline{\quad} \div 6$ $\underline{\quad} = 24 \div 6$ $\underline{\quad} \times 6 = 48$ $\underline{\quad} = 2 \times 6$ $36 \div 6 = \underline{\quad}$ $9 \times 6 = \underline{\quad}$ $10 \times 6 = \underline{\quad}$	$7 = \underline{\quad} \div 6$ $\underline{\quad} \div 6 = 11$ $8 = \underline{\quad} \div 6$ $\underline{\quad} = 54 \div 6$ $6 = \underline{\quad} \times 6$ $\underline{\quad} \times 6 = 36$ $11 = \underline{\quad} \div 6$ $12 = \underline{\quad} \div 6$ $\underline{\quad} \times 6 = 18$ $\underline{\quad} \div 6 = 7$	$\underline{\quad} = 6 \div 6$ $2 = \underline{\quad} \div 6$ $48 = \underline{\quad} \times 6$ $\underline{\quad} = 9 \times 6$ $72 = \underline{\quad} \times 6$ $\underline{\quad} \times 6 = 66$ $\underline{\quad} \times 6 = 72$ $4 \times 6 = \underline{\quad}$ $5 \times 6 = \underline{\quad}$ $\underline{\quad} = 6 \times 6$
Set 7	Set 8	Set 9
$\underline{\quad} \div 6 = 3$ $24 \div 6 = \underline{\quad}$ $\underline{\quad} = 11 \times 6$ $12 \div 6 = \underline{\quad}$ $\underline{\quad} = 10 \times 6$ $\underline{\quad} = 30 \div 6$ $6 = \underline{\quad} \div 6$ $18 = \underline{\quad} \times 6$ $\underline{\quad} = 4 \times 6$ $30 = \underline{\quad} \times 6$	$24 = \underline{\quad} \times 6$ $18 \div 6 = \underline{\quad}$ $\underline{\quad} \div 6 = 4$ $66 = \underline{\quad} \times 6$ $12 \div 6 = \underline{\quad}$ $\underline{\quad} = 10 \times 6$ $\underline{\quad} = 30 \div 6$ $6 = \underline{\quad} \div 6$ $\underline{\quad} = 3 \times 6$ $30 = \underline{\quad} \times 6$	$4 = \underline{\quad} \div 6$ $\underline{\quad} \times 6 = 66$ $\underline{\quad} \times 6 = 72$ $4 \times 6 = \underline{\quad}$ $\underline{\quad} \times 6 = 30$ $\underline{\quad} = 6 \times 6$ $10 = \underline{\quad} \div 6$ $\underline{\quad} \times 6 = 6$ $\underline{\quad} \times 6 = 12$ $8 \times 6 = \underline{\quad}$

Complete the maze by only passing through multiples of 6



6	11	41	33	69	53	26	85	35	47	23	1	60
12	17	19	23	28	72	37	6	24	66	19	18	3
36	18	54	48	36	60	66	8	43	16	3	4	5
31	5	42	4	75	34	60	15	26	13	5	3	24
67	24	60	42	43	18	12	2	24	14	28	34	21
35	4	46	35	57	60	18	8	3	30	42	75	62
27	36	42	22	43	16	6	42	12	18	74	19	25
48	74	57	53	24	46	72	16	61	26	63	11	31
73	25	35	22	89	26	42	18	54	36	30	6	18
35	6	86	11	24	36	67	24	12	3	66	3	72
2	72	37	57	75	22	4	25	64	78	33	6	exit

Add in the missing multiples of 6



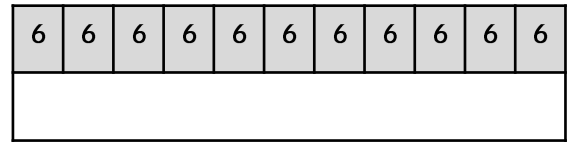
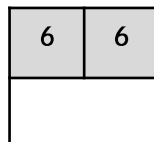
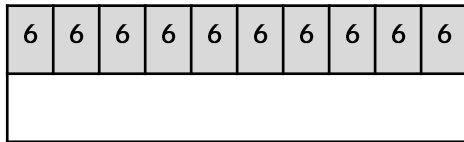
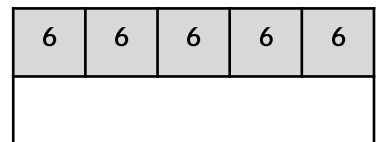
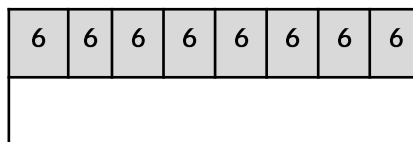
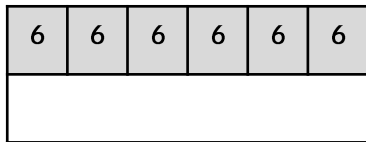
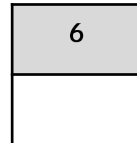
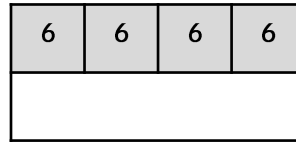
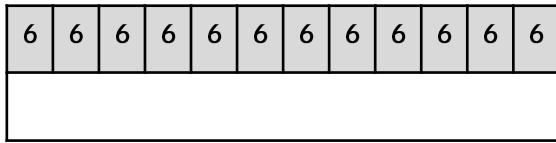
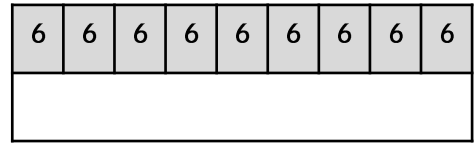
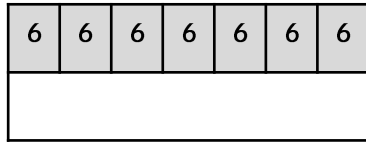
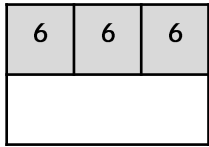
Find the 6 times table in this number search

1	x	6	=	6	3	x	6	=	8	x	12	9
2	3	x	6	=	x	8	x	6	x	11	x	x
x	6	11	12	5	x	6	=	30	6	5	6	7
6	5	x	x	8	x	6	=	60	=	x	=	x
=	9	x	6	6	9	6	x	36	48	6	72	6
12	9	x	6	=	=	X	4	x	6	=	20	=
5	x	6	6	=	16	66	6	x	6	25	11	42
5	8	x	6	=	40	10	x	6	=	60	x	66
3	x	6	=	18	54	9	x	6	=	40	6	72
8	x	12	x	6	=	60	11	x	6	48	=	x
7	x	6	=	36	x	4	x	6	=	24	60	6

Fill in the missing gaps in the table

$6 + 6 + 6$	3×6	18
$6 + 6 + 6 + 6 + 6 + 6 + 6 + 6$		48
$6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6$		
		24
	6×6	
$6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6$		
		6
	7×6	
$6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6$		66
	10×6	60
$6 + 6$	2×6	
$6 + 6 + 6 + 6 + 6$		

Complete the bar models

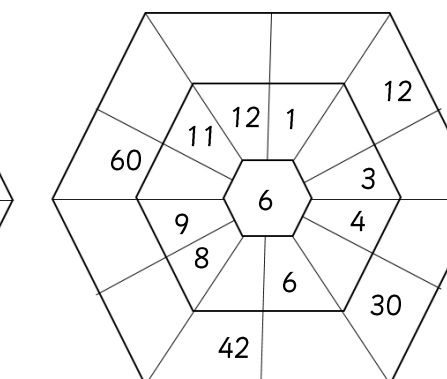
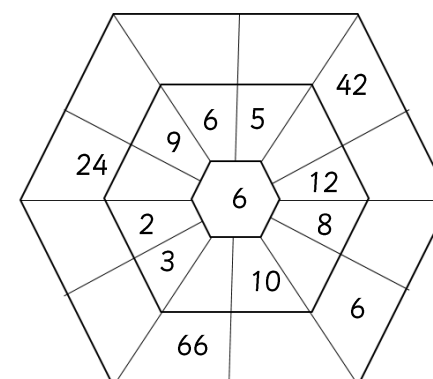
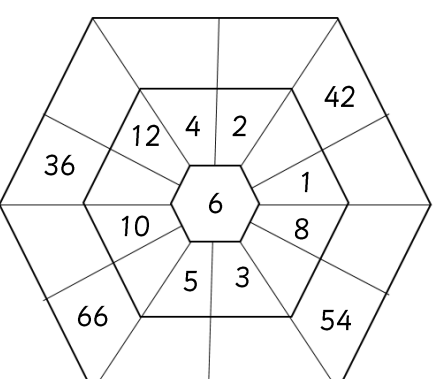
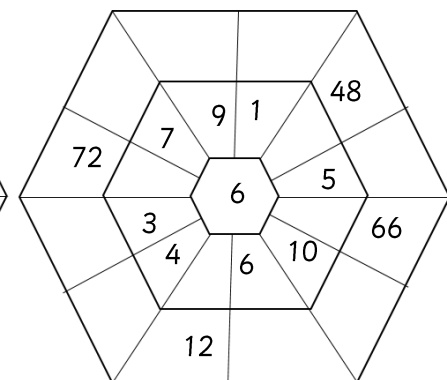
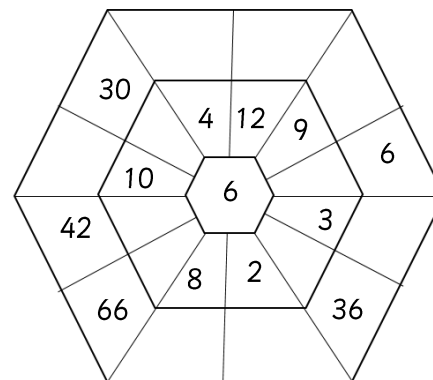
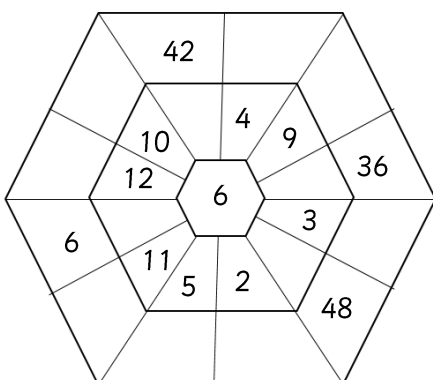
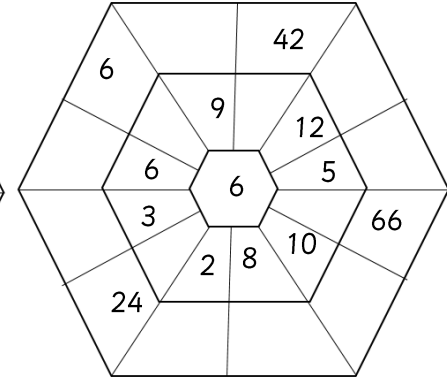
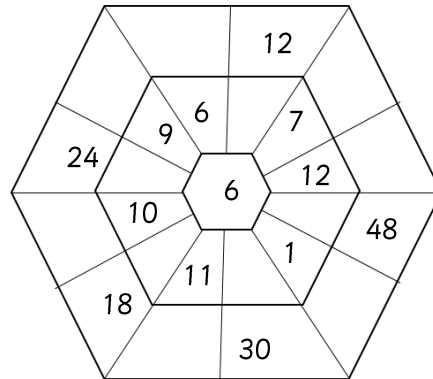
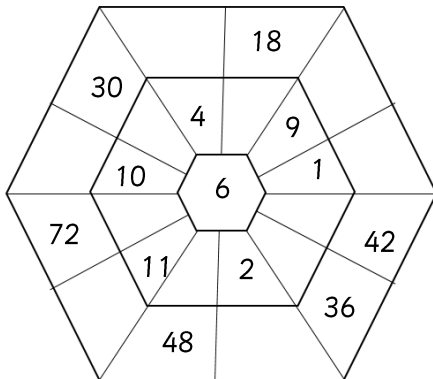
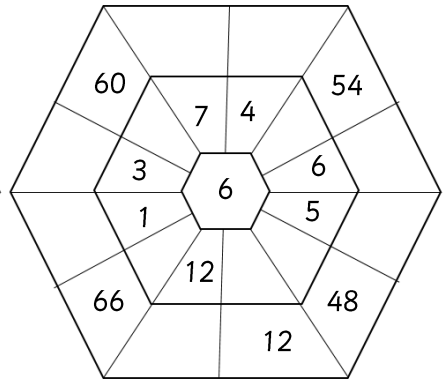
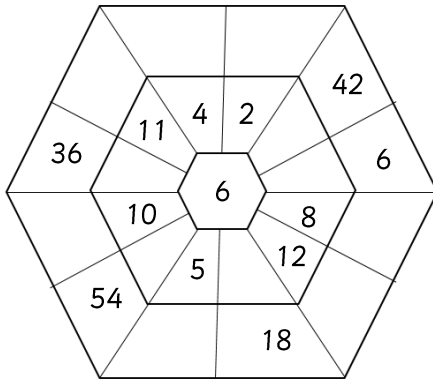
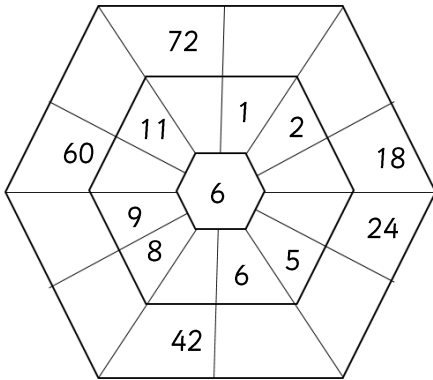


Find $\frac{1}{6}$ of the numbers below by dividing them by 6

$\frac{1}{6}$ of 42 is equal to	
$\frac{1}{6}$ of 18 is equal to	
$\frac{1}{6}$ of 54 is equal to	
$\frac{1}{6}$ of 24 is equal to	
$\frac{1}{6}$ of 66 is equal to	
$\frac{1}{6}$ of 30 is equal to	

$\frac{1}{6}$ of 60 is equal to	
$\frac{1}{6}$ of 36 is equal to	
$\frac{1}{6}$ of 48 is equal to	
$\frac{1}{6}$ of 12 is equal to	
$\frac{1}{6}$ of 72 is equal to	
$\frac{1}{6}$ of 6 is equal to	

Multiply the number in the inner hexagon by the number in the middle hexagon to make the number in the outer hexagon



Match the times tables questions to the answers

Now match the division questions to the correct answers!

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

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

Add in the missing multiples of 6

					36						
--	--	--	--	--	----	--	--	--	--	--	--

Add in either $\times 6$ or $\div 6$

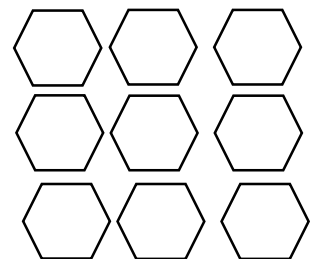
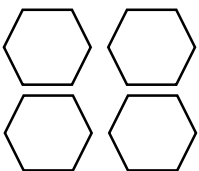
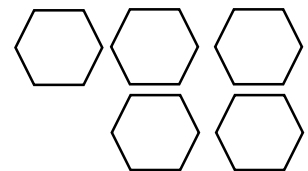
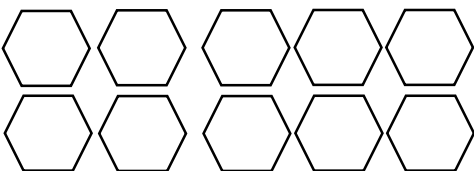
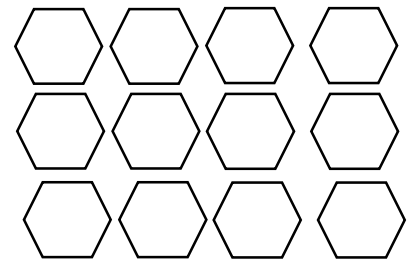
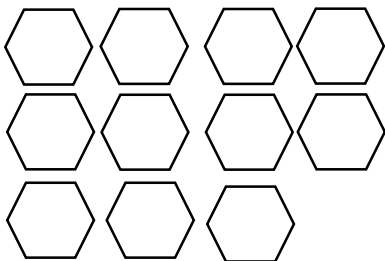
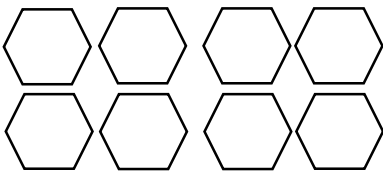
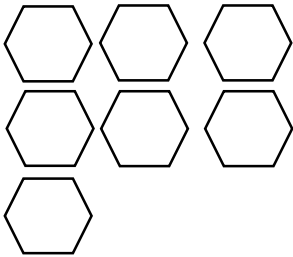
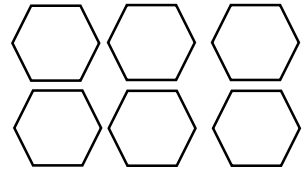
11		= 66
12		= 2
4		= 24
1		= 6
36		= 6
30		= 5

48		= 8
9		= 54
6		= 36
6		= 1
7		= 42
18		= 3

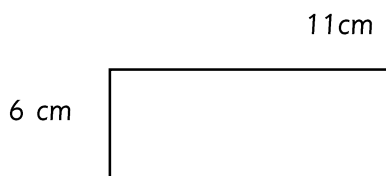
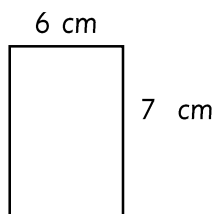
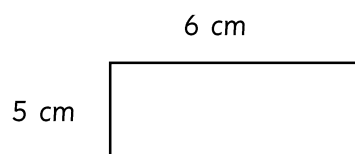
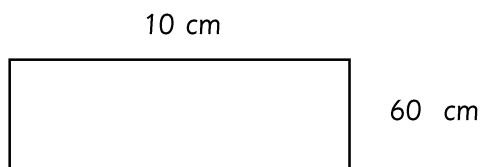
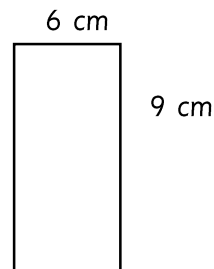
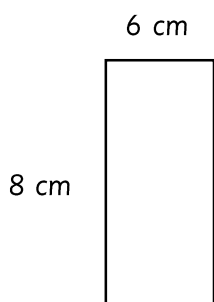
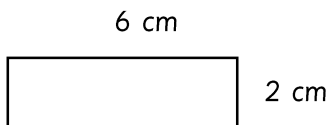
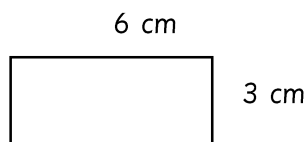
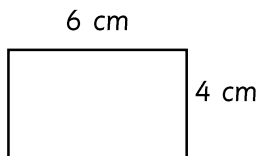
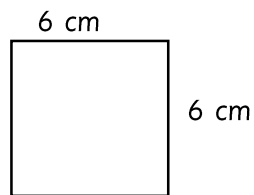
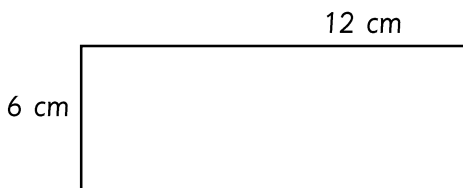
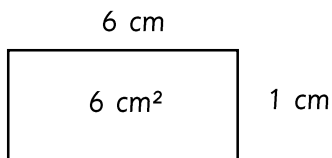
Add in the number of sides that these groups of hexagons have



$1 \times 6 = 6$



Calculate the area of each of these rectangles (not drawn to scale)



Write the multiplication or division calculation and answer for each of these word problems

Bread rolls are sold in packs of six. How many rolls are there in 8 packs?	
Ants have 6 legs. How many legs will 12 ants have?	
Tins of soup are sold in packs of six. If 54 tins of soup are need, how many packs will need to be bought?	
Children are put into groups of 6. How many groups will there be if there are 66 children?	
Hexagons have 6 angles. How many angles will there be in 4 hexagons?	
6 children share £18 equally between themselves. How much will they have each?	
A baker shares 36 g of icing sugar equally between six cakes. How much icing sugar will each cake have?	
Bananas are sold in bunches of six. How many bananas will there be in 7 bunches?	
Six apples are each cut into six pieces. How many pieces of apple will there be in total?	

Circle the multiples of 6

36 3 12 15 60 18 66
30 2 6 54 24 26 42 16 48
4 72 37 61

Use the known multiplication facts to answer these questions

$1 \times 6 =$	6
$10 \times 6 =$	60
$100 \times 6 =$	600

$2 \times 6 =$	
$20 \times 6 =$	
$200 \times 6 =$	

$3 \times 6 =$	
$30 \times 6 =$	
$300 \times 6 =$	

$4 \times 6 =$	
$40 \times 6 =$	
$400 \times 6 =$	

$5 \times 6 =$	
$50 \times 6 =$	
$500 \times 6 =$	

$6 \times 6 =$	
$60 \times 6 =$	
$600 \times 6 =$	

$7 \times 6 =$	
$70 \times 6 =$	
$700 \times 6 =$	

$8 \times 6 =$	
$80 \times 6 =$	
$800 \times 6 =$	

$9 \times 6 =$	
$90 \times 6 =$	
$900 \times 6 =$	

$10 \times 6 =$	
$100 \times 6 =$	
$1000 \times 6 =$	

$11 \times 6 =$	
$110 \times 6 =$	
$1100 \times 6 =$	

$12 \times 6 =$	
$120 \times 6 =$	
$1200 \times 6 =$	

Use the known multiplication facts to answer these questions

36 x 6	
30×6	180
6×6	36
total:	216

28 x 6	
20×6	
8×6	
total:	

75 x 6	
70×6	
5×6	
total:	

39 x 6	
30×6	
9×6	
total:	

57 x 6	
50×6	
7×6	
total:	

48 x 6	
40×6	
8×6	
total:	

284 x 6	
200×6	
80×6	
4×6	
total:	

472 x 6	
400×6	
70×6	
2×6	
total:	

395 x 6	
300×6	
90×6	
5×6	
total:	

Answers

Shade in or circle the multiples of 6 up to 100

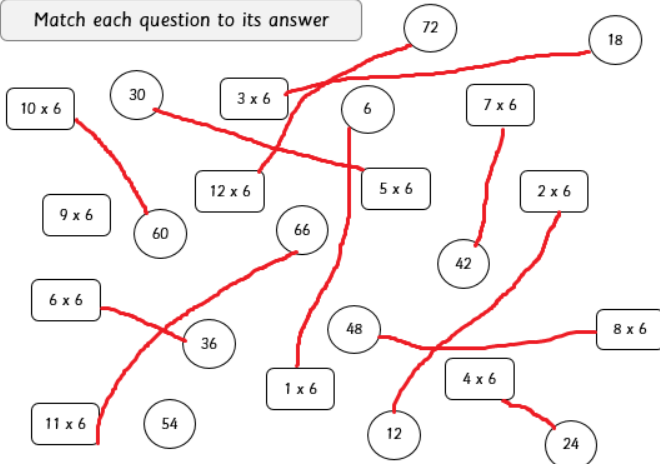
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Write in the missing numbers

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

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

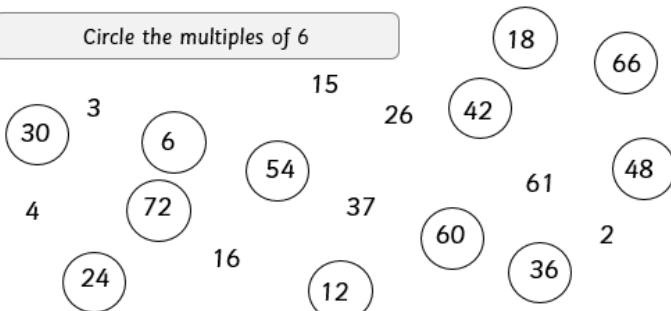
Match each question to its answer



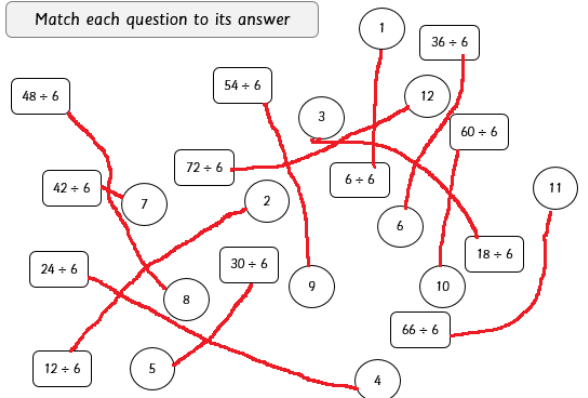
Add in the missing numbers

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

Circle the multiples of 6



Match each question to its answer

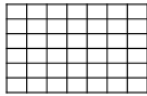


Answers

How many boxes?



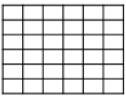
$1 \times 6 = 6$



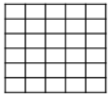
$7 \times 6 = 42$



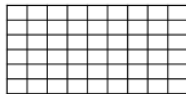
$2 \times 6 = 12$



$6 \times 6 = 36$



$5 \times 6 = 30$



$9 \times 6 = 54$



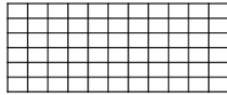
$3 \times 6 = 18$



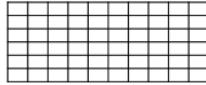
$4 \times 6 = 24$



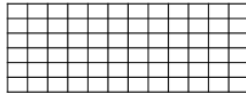
$8 \times 6 = 48$



$11 \times 6 = 66$



$10 \times 6 = 60$



$12 \times 6 = 72$

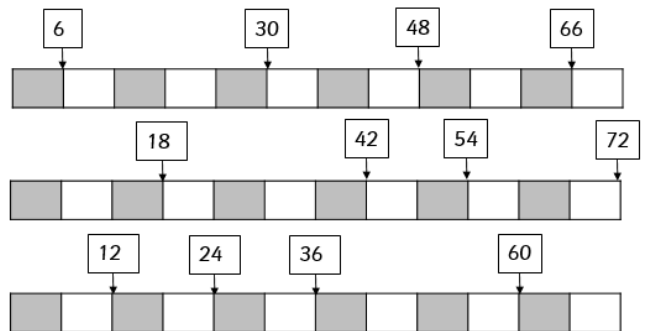
Add in the missing numbers

Set 1	Set 2	Set 3
$7 \times 6 = 42$ $60 \div 6 = 10$ $72 \div 6 = 12$ $1 = 6 \div 6$ $2 = 12 \div 6$ $48 = 8 \times 6$ $54 = 9 \times 6$ $72 = 12 \times 6$ $60 = 10 \times 6$ $5 = 30 \div 6$	$6 = 36 \div 6$ $18 = 3 \times 6$ $24 = 4 \times 6$ $30 = 5 \times 6$ $6 \div 6 = 1$ $7 = 42 \div 6$ $66 \div 6 = 11$ $8 = 48 \div 6$ $9 = 54 \div 6$ $1 \times 6 = 6$	$3 \times 6 = 18$ $42 \div 6 = 7$ $48 \div 6 = 8$ $54 \div 6 = 9$ $11 \times 6 = 66$ $12 \times 6 = 72$ $4 \times 6 = 24$ $5 \times 6 = 30$ $36 = 6 \times 6$ $42 = 7 \times 6$
Set 4	Set 5	Set 6
$18 \div 6 = 3$ $24 \div 6 = 4$ $30 \div 6 = 5$ $3 = 18 \div 6$ $4 = 24 \div 6$ $8 \times 6 = 48$ $12 = 2 \times 6$ $36 \div 6 = 6$ $9 \times 6 = 54$ $10 \times 6 = 60$	$7 = 42 \div 6$ $66 \div 6 = 11$ $8 = 48 \div 6$ $9 = 54 \div 6$ $6 = 1 \times 6$ $6 \times 6 = 36$ $11 = 66 \div 6$ $12 = 72 \div 6$ $3 \times 6 = 18$ $42 \div 6 = 7$	$1 = 6 \div 6$ $2 = 12 \div 6$ $48 = 8 \times 6$ $54 = 9 \times 6$ $72 = 12 \times 6$ $11 \times 6 = 66$ $12 \times 6 = 72$ $4 \times 6 = 24$ $5 \times 6 = 30$ $36 = 6 \times 6$
Set 7	Set 8	Set 9
$18 \div 6 = 3$ $24 \div 6 = 4$ $66 = 11 \times 6$ $12 \div 6 = 2$ $60 = 10 \times 6$ $5 = 30 \div 6$ $6 = 36 \div 6$ $18 = 3 \times 6$ $24 = 4 \times 6$ $30 = 5 \times 6$	$24 = 4 \times 6$ $18 \div 6 = 3$ $24 \div 6 = 4$ $66 = 11 \times 6$ $12 \div 6 = 2$ $60 = 10 \times 6$ $5 = 30 \div 6$ $6 = 36 \div 6$ $18 = 3 \times 6$ $30 = 5 \times 6$	$4 = 24 \div 6$ $11 \times 6 = 66$ $12 \times 6 = 72$ $4 \times 6 = 24$ $5 \times 6 = 30$ $36 = 6 \times 6$ $10 = 60 \div 6$ $1 \times 6 = 6$ $2 \times 6 = 12$ $8 \times 6 = 48$

Complete the maze by only passing through multiples of 6

6	11	41	33	69	53	26	85	35	47	23	1	60
12	17	19	23	28	72	37	6	24	66	19	18	3
36	18	54	48	36	60	66	8	43	16	3	4	5
31	5	42	4	75	34	60	15	26	13	5	3	24
67	24	60	42	43	18	12	2	24	14	28	34	21
35	4	46	35	57	60	18	8	3	30	42	75	62
27	36	42	22	43	16	6	42	12	18	74	19	25
48	74	57	53	24	46	72	16	61	26	63	11	31
73	25	35	22	89	26	42	18	54	36	30	6	18
35	6	86	11	24	36	67	24	12	3	66	3	72
2	72	37	57	75	22	4	25	64	78	33	6	exit

Add in the missing multiples of 6



Answers

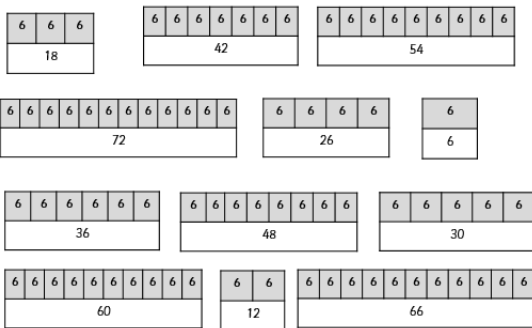
Find the 6 times table in this number search

1	x	6	=	6	3	x	6	=	8	x	12	9
2	3	x	6	=	x	8	x	6	x	11	x	x
x	6	11	12	5	x	6	=	30	6	5	6	7
6	5	x	x	8	x	6	=	60	=	x	=	x
=	9	x	6	6	9	6	x	36	48	6	72	6
12	9	x	6	=	=	x	4	x	6	=	20	=
5	x	6	6	=	16	66	6	x	6	25	11	42
5	8	x	6	=	40	10	x	6	=	60	x	66
3	x	6	=	18	54	9	x	6	=	40	6	72
8	x	12	x	6	=	60	11	x	6	48	=	x
7	x	6	=	36	x	4	x	6	=	24	60	6

Fill in the missing gaps in the table

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

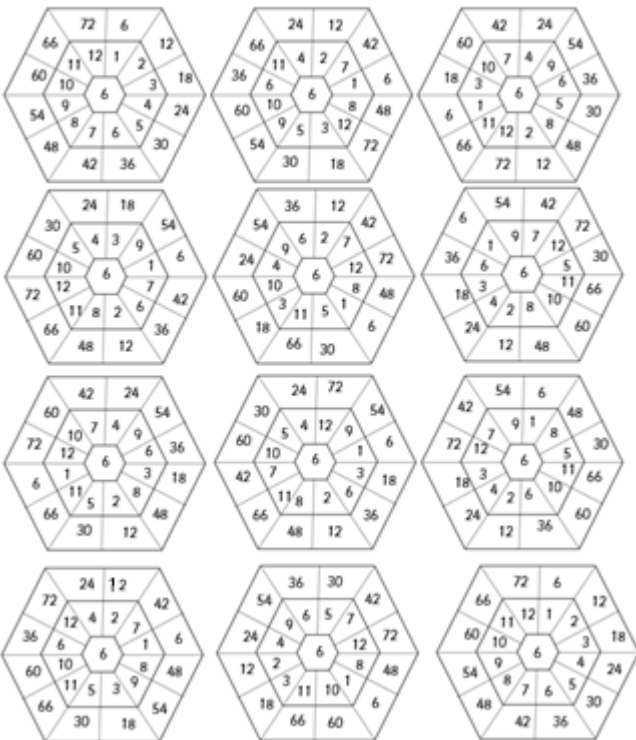
Complete the bar models



Find $\frac{1}{6}$ of the numbers below by dividing them by 6

$\frac{1}{6}$ of 42 is equal to	7
$\frac{1}{6}$ of 18 is equal to	3
$\frac{1}{6}$ of 54 is equal to	9
$\frac{1}{6}$ of 24 is equal to	4
$\frac{1}{6}$ of 66 is equal to	11
$\frac{1}{6}$ of 30 is equal to	5
$\frac{1}{6}$ of 60 is equal to	10
$\frac{1}{6}$ of 36 is equal to	6
$\frac{1}{6}$ of 48 is equal to	8
$\frac{1}{6}$ of 12 is equal to	2
$\frac{1}{6}$ of 72 is equal to	12
$\frac{1}{6}$ of 6 is equal to	1

Multiply the number in the inner hexagon by the number in the middle hexagon to make the number in the outer hexagon



Match the times tables questions to the answers

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

Now match the division questions to the correct answers!

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

Add in the missing multiples of 6

6	12	18	24	30	36	42	48	54	60	66	72
---	----	----	----	----	----	----	----	----	----	----	----


Add in either $\times 6$ or $\div 6$


11	$\times 6$	=	66
12	$\div 6$	=	2
4	$\times 6$	=	24
1	$\times 6$	=	6
36	$\div 6$	=	6
30	$\div 6$	=	5

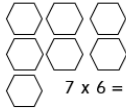
48	$\div 6$	=	8
9	$\times 6$	=	54
6	$\times 6$	=	36
6	$\div 6$	=	1
7	$\times 6$	=	42
18	$\div 6$	=	3

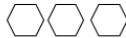
Answers


Add in the number of sides that these groups of hexagons have

 $1 \times 6 = 6$



 $6 \times 6 = 36$



 $7 \times 6 = 42$


$3 \times 6 = 18$ 


$2 \times 6 = 12$ 



 $8 \times 6 = 48$



 $12 \times 6 = 72$


 $11 \times 6 = 66$

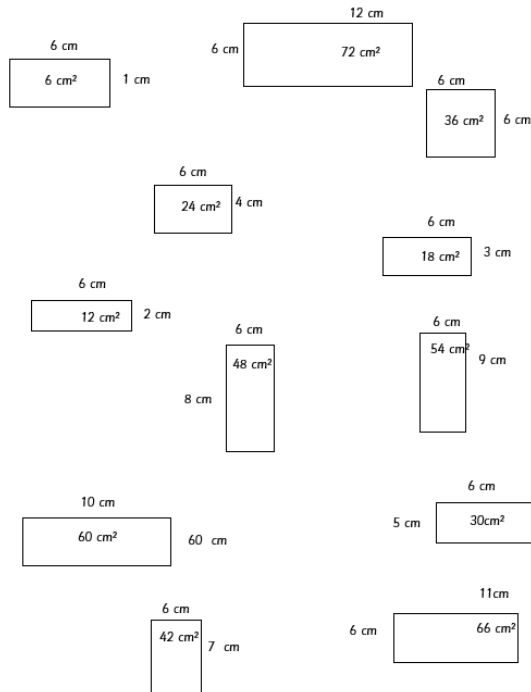

 $10 \times 6 = 60$

$5 \times 6 = 30$ 


 $4 \times 6 = 24$

$9 \times 6 = 54$ 

Calculate the area of each of these rectangles (not drawn to scale)



Write the multiplication or division calculation and answer for each of these word problems

Bread rolls are sold in packs of six. How many rolls are there in 8 packs?	$8 \times 6 = 48$
Ants have 6 legs. How many legs will 12 ants have?	$12 \times 6 = 72$
Tins of soup are sold in packs of six. If 54 tins of soup are needed, how many packs will need to be bought?	$54 \div 6 = 9$
Children are put into groups of 6. How many groups will there be if there are 66 children?	$66 \div 6 = 11$
Hexagons have 6 angles. How many angles will there be in 4 hexagons?	$6 \times 4 = 24$
6 children share £18 equally between themselves. How much will they have each?	$18 \div 6 = 3$
A baker shares 36 g of icing sugar equally between six cakes. How much icing sugar will each cake have?	$36 \div 6 = 6$
Bananas are sold in bunches of six. How many bananas will there be in 7 bunches?	$7 \times 6 = 42$
Six apples are each cut into six pieces. How many pieces of apple will there be in total?	$6 \times 6 = 36$

Use the known multiplication facts to answer these questions

$1 \times 6 = 6$	$2 \times 6 = 12$	$3 \times 6 = 18$	$4 \times 6 = 24$
$10 \times 6 = 60$	$20 \times 6 = 120$	$30 \times 6 = 180$	$40 \times 6 = 240$
$100 \times 6 = 600$	$200 \times 6 = 1200$	$300 \times 6 = 1800$	$400 \times 6 = 2400$
$5 \times 6 = 30$	$6 \times 6 = 36$	$7 \times 6 = 42$	$8 \times 6 = 48$
$50 \times 6 = 300$	$60 \times 6 = 360$	$70 \times 6 = 420$	$80 \times 6 = 480$
$500 \times 6 = 3000$	$600 \times 6 = 3600$	$700 \times 6 = 4200$	$800 \times 6 = 4800$
$9 \times 6 = 54$	$10 \times 6 = 60$	$11 \times 6 = 66$	$12 \times 6 = 72$
$90 \times 6 = 540$	$100 \times 6 = 600$	$110 \times 6 = 660$	$120 \times 6 = 720$
$900 \times 6 = 5400$	$1000 \times 6 = 6000$	$1100 \times 6 = 6600$	$1200 \times 6 = 7200$

Use the known multiplication facts to answer these questions

<table border="1"> <tr><td>36 x 6</td></tr> <tr><td>30 x 6 = 180</td></tr> <tr><td>6 x 6 = 36</td></tr> <tr><td>total: 216</td></tr> </table>	36 x 6	30 x 6 = 180	6 x 6 = 36	total: 216	<table border="1"> <tr><td>28 x 6</td></tr> <tr><td>20 x 6 = 120</td></tr> <tr><td>8 x 6 = 48</td></tr> <tr><td>total: 168</td></tr> </table>	28 x 6	20 x 6 = 120	8 x 6 = 48	total: 168	<table border="1"> <tr><td>75 x 6</td></tr> <tr><td>70 x 6 = 420</td></tr> <tr><td>5 x 6 = 30</td></tr> <tr><td>total: 450</td></tr> </table>	75 x 6	70 x 6 = 420	5 x 6 = 30	total: 450			
36 x 6																	
30 x 6 = 180																	
6 x 6 = 36																	
total: 216																	
28 x 6																	
20 x 6 = 120																	
8 x 6 = 48																	
total: 168																	
75 x 6																	
70 x 6 = 420																	
5 x 6 = 30																	
total: 450																	
<table border="1"> <tr><td>39 x 6</td></tr> <tr><td>30 x 6 = 180</td></tr> <tr><td>9 x 6 = 54</td></tr> <tr><td>total: 234</td></tr> </table>	39 x 6	30 x 6 = 180	9 x 6 = 54	total: 234	<table border="1"> <tr><td>57 x 6</td></tr> <tr><td>50 x 6 = 300</td></tr> <tr><td>7 x 6 = 42</td></tr> <tr><td>total: 342</td></tr> </table>	57 x 6	50 x 6 = 300	7 x 6 = 42	total: 342	<table border="1"> <tr><td>48 x 6</td></tr> <tr><td>40 x 6 = 240</td></tr> <tr><td>8 x 6 = 48</td></tr> <tr><td>total: 288</td></tr> </table>	48 x 6	40 x 6 = 240	8 x 6 = 48	total: 288			
39 x 6																	
30 x 6 = 180																	
9 x 6 = 54																	
total: 234																	
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8 x 6 = 48																	
total: 288																	
<table border="1"> <tr><td>284 x 6</td></tr> <tr><td>200 x 6 = 1200</td></tr> <tr><td>80 x 6 = 480</td></tr> <tr><td>4 x 6 = 24</td></tr> <tr><td>total: 1704</td></tr> </table>	284 x 6	200 x 6 = 1200	80 x 6 = 480	4 x 6 = 24	total: 1704	<table border="1"> <tr><td>472 x 6</td></tr> <tr><td>400 x 6 = 2400</td></tr> <tr><td>70 x 6 = 420</td></tr> <tr><td>2 x 6 = 12</td></tr> <tr><td>total: 2832</td></tr> </table>	472 x 6	400 x 6 = 2400	70 x 6 = 420	2 x 6 = 12	total: 2832	<table border="1"> <tr><td>395 x 6</td></tr> <tr><td>300 x 6 = 1800</td></tr> <tr><td>90 x 6 = 540</td></tr> <tr><td>5 x 6 = 30</td></tr> <tr><td>total: 2370</td></tr> </table>	395 x 6	300 x 6 = 1800	90 x 6 = 540	5 x 6 = 30	total: 2370
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Circle the multiples of 6

