3 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

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Shade in or circle the multiples of 3 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 3 times table?

Write in the missing numbers

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

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

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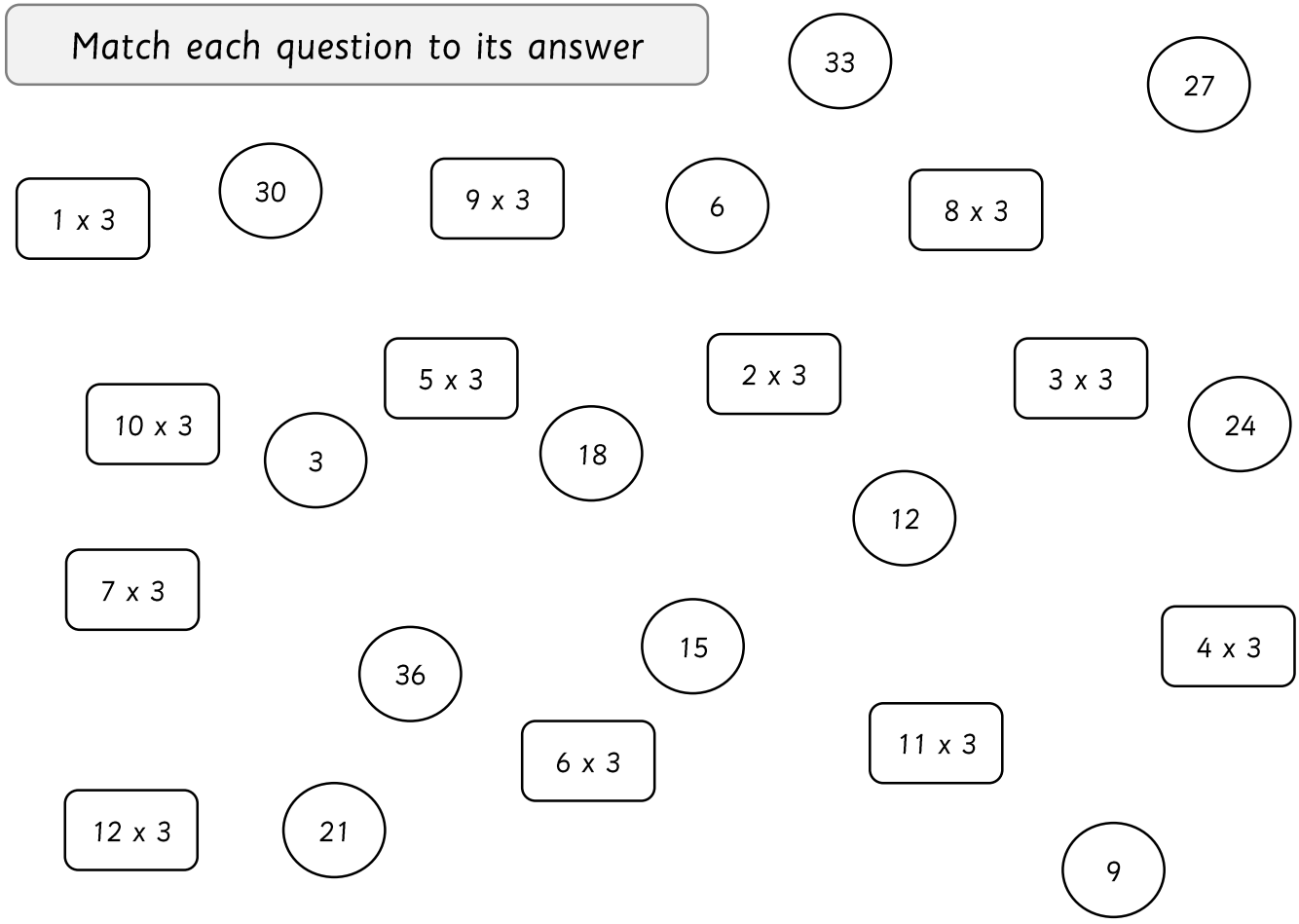
Match each question to its answer



Add in the missing numbers

___ x 3= 18	3 x 3 =_____
_____ x 3= 12	7 x 3= _____
11 x 3= _____	9 x 3 = _____
_____ x 3= 24	1 x 3 = _____
___ x 3= 6	_____ x 3 = 36
_____x 3= 30	5 x 3= _____

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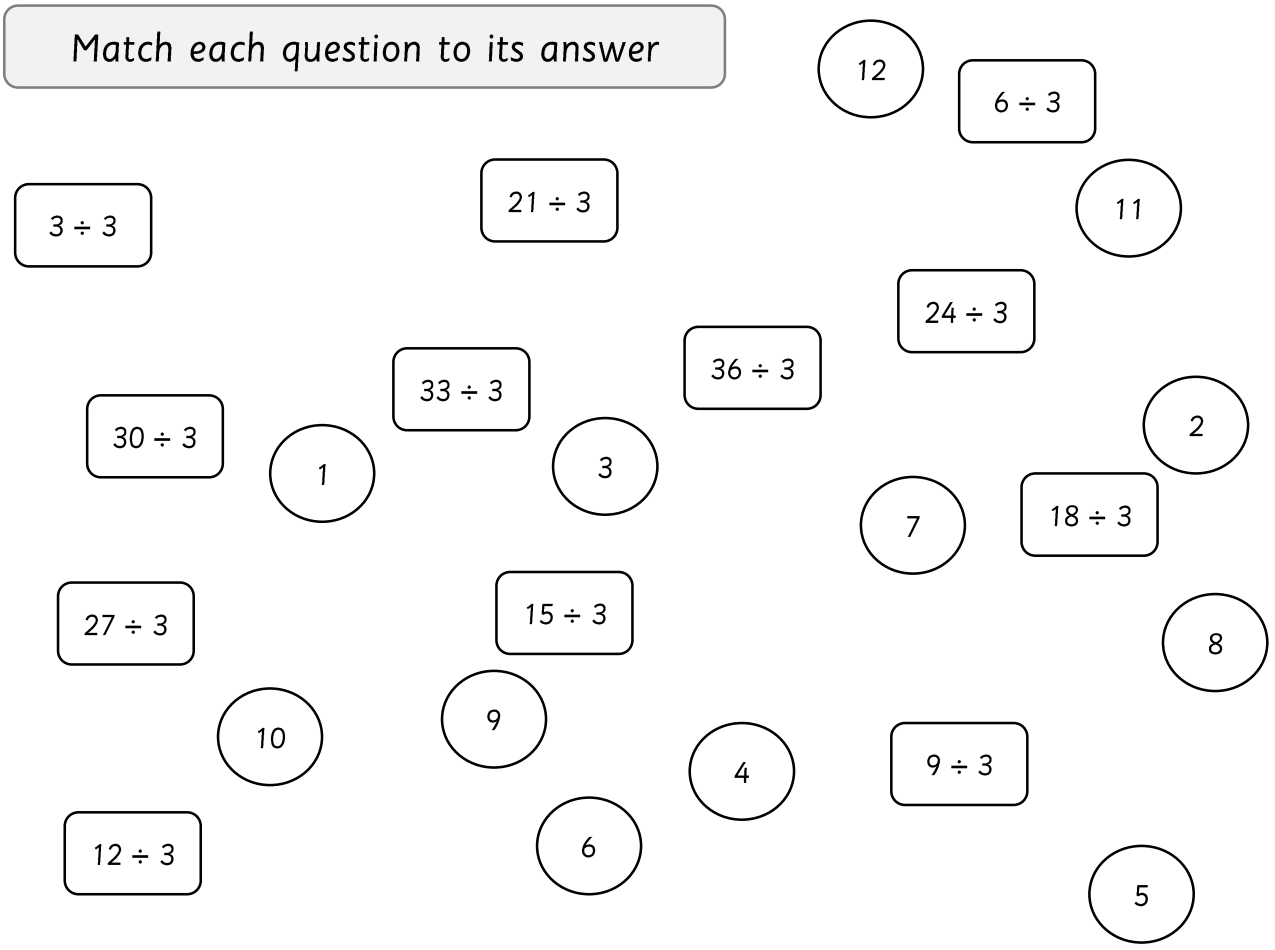
Circle the multiples of 3

21 19 2 12 7 6 1 27 31 16 30 33 19 24 36 11 15 18 9 13

Match each question to its answer



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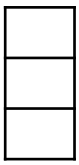
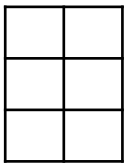
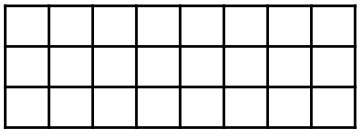
How many boxes?



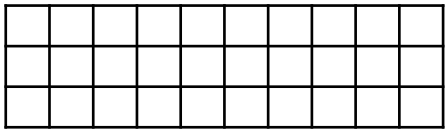
1 x 3 = 3



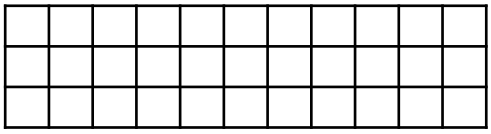
__ x ___ = ___



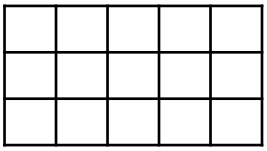
__ x ___ = ___



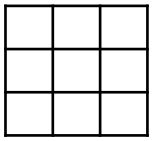
__ x ___ = ___



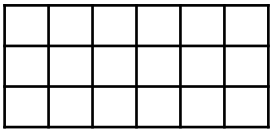
__ x ___ = ___



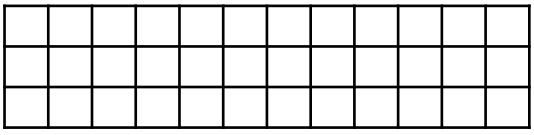
__ x ___ = ___



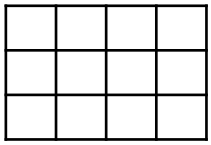
__ x ___ = ___



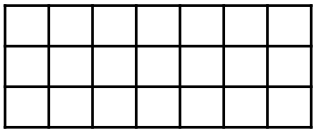
__ x ___ = ___



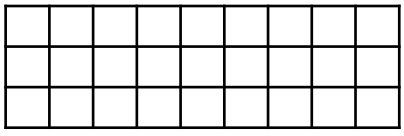
__ x ___ = ___



__ x ___ = ___



__ x ___ = ___



__ x ___ = ___

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Add in the missing numbers

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

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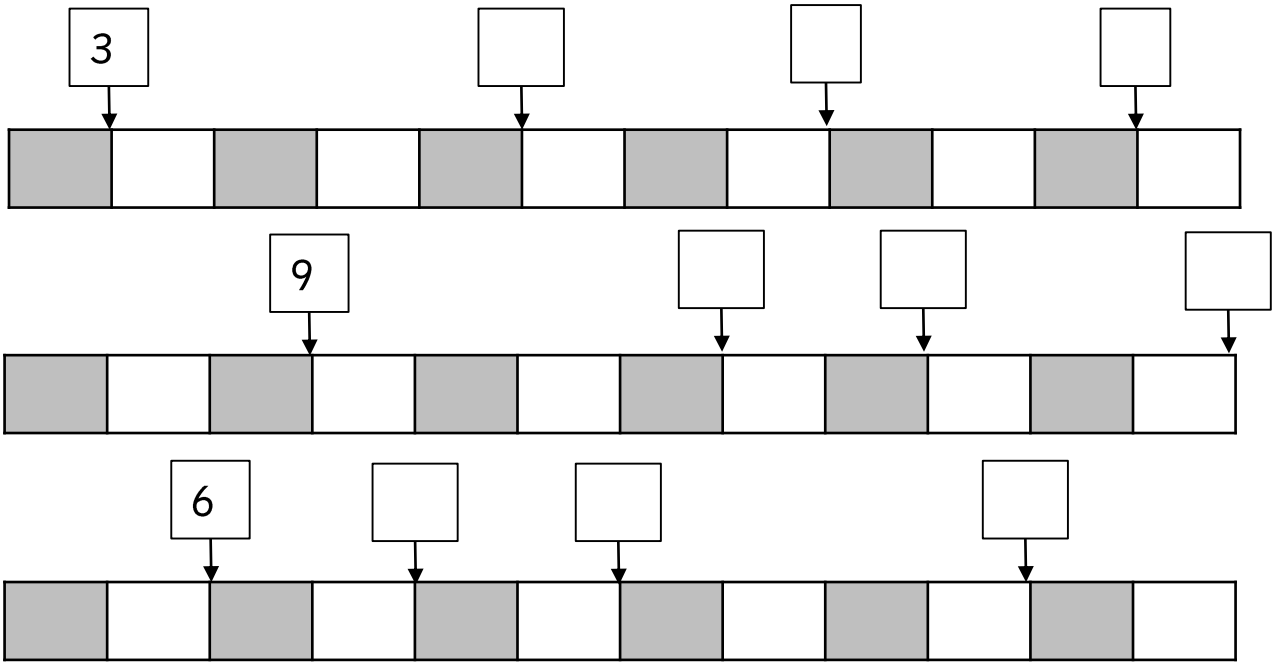
Complete the maze by only passing through multiples of 3

3	6	9	1	22	31	5	24	9	7	9	1	2
22	1	12	22	16	15	26	3	8	22	3	4	18
26	19	33	31	35	3	6	21	24	29	28	11	22
29	15	36	18	12	15	7	8	17	30	33	19	16
32	4	17	29	6	13	8	3	13	19	36	22	17
23	7	15	8	21	11	12	19	22	22	6	36	10
32	2	19	9	29	16	19	22	16	34	9	17	12
21	17	28	2	25	22	20	18	13	15	12	19	17
31	23	36	6	19	17	22	15	9	21	23	27	22
17	6	27	8	13	10	25	4	2	18	22	29	28
18	8	23	1	12	19	27	1	11	24	36	9	exit

Add in the missing multiples of 3



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Find the 3 times table in this number search

1	x	3	=	3	6	7	8	x	3	=	24	6
4	x	3	=	16	x	x	x	11	x	3	3	9
11	x	3	=	36	24	3	3	3	9	12	x	x
9	5	x	3	10	x	3	=	30	=	15	3	3
11	x	3	=	33	18	36	4	9	8	14	=	=
12	12	3	x	5	x	4	18	x	8	2	6	27
2	9	x	4	x	3	=	12	3	7	x	3	7
x	9	12	3	3	3	x	3	=	x	3	3	x
3	36	x	9	=	24	27	33	30	3	=	18	=
=	33	8	3	15	36	6	x	3	=	18	27	24
6	12	x	3	=	4	x	3	=	21	30	33	3

Fill in the missing gaps in the table

3 + 3	1 x 3	3
	6 x 3	18
3 + 3 + 3 + 3 + 3 + 3 + 3 + 3		
		36
3 + 3		6
	5 x 3	
		33
3 + 3 + 3 + 3 + 3 + 3 + 3	7 x 3	
	3 x 3	9
3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3	10 x 3	
		12
3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3		

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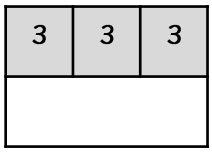
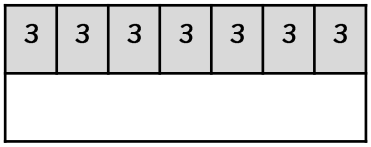
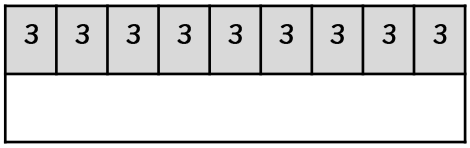
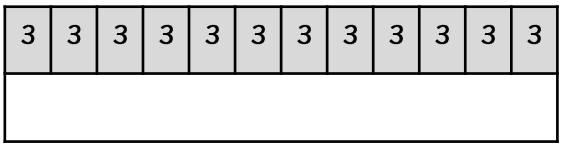
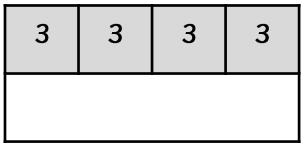
Complete the bar models

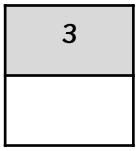


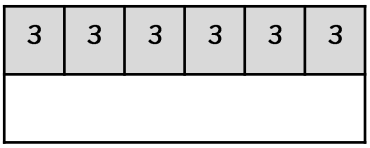


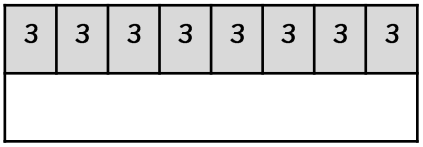


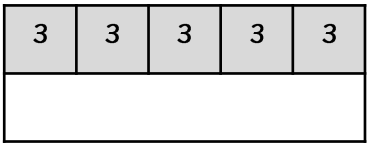


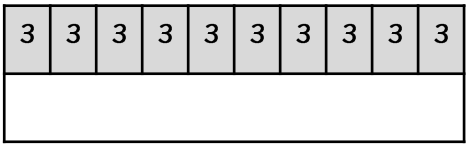


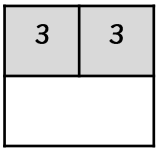


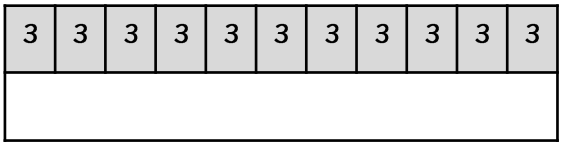












Find $\frac{1}{3}$ of the numbers below by dividing them by 3

$\frac{1}{3}$ of 3 is equal to	
$\frac{1}{3}$ of 21 is equal to	
$\frac{1}{3}$ of 30 is equal to	
$\frac{1}{3}$ of 6 is equal to	
$\frac{1}{3}$ of 15 is equal to	
$\frac{1}{3}$ of 33 is equal to	

$\frac{1}{3}$ of 36 is equal to	
$\frac{1}{3}$ of 9 is equal to	
$\frac{1}{3}$ of 24 is equal to	
$\frac{1}{3}$ of 18 is equal to	
$\frac{1}{3}$ of 27 is equal to	
$\frac{1}{3}$ of 12 is equal to	

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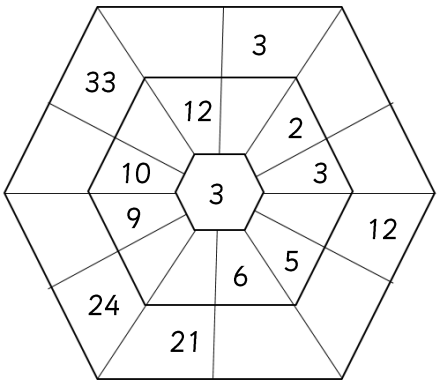
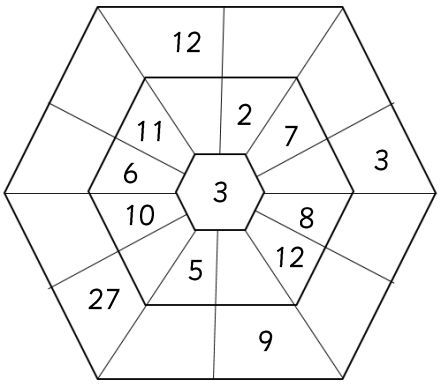
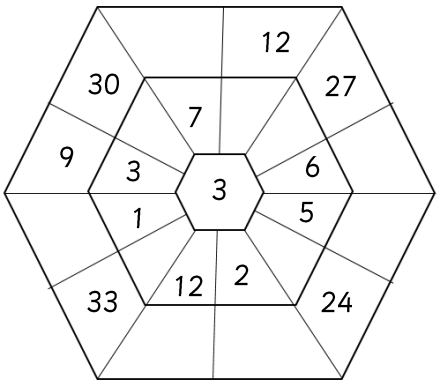
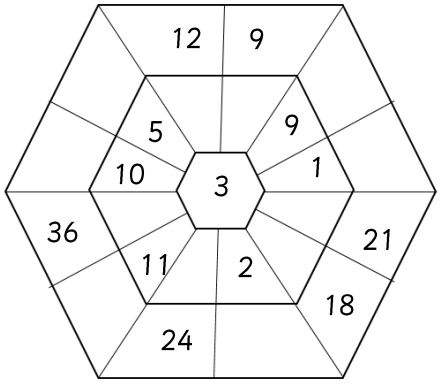
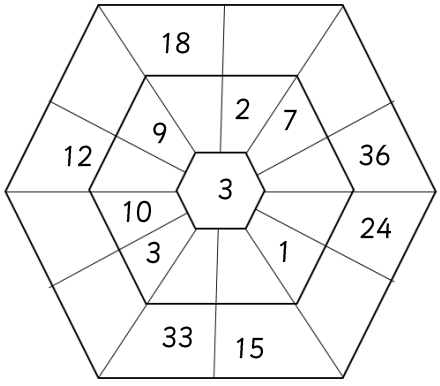
Multiply the number in the inner hexagon by the number in the middle hexagon to make the number in the outer hexagon

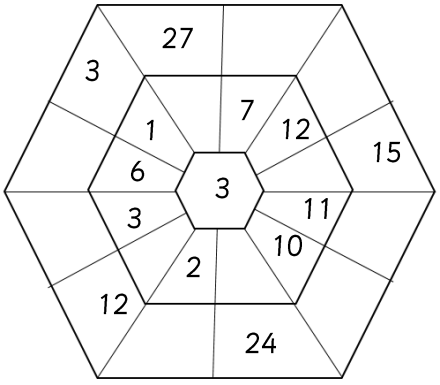


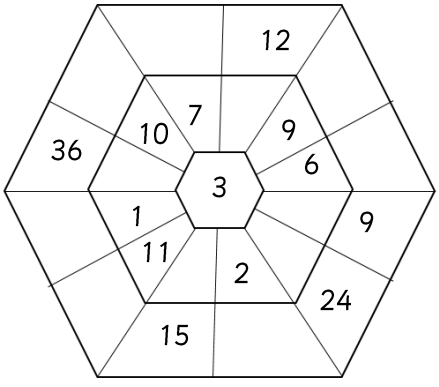


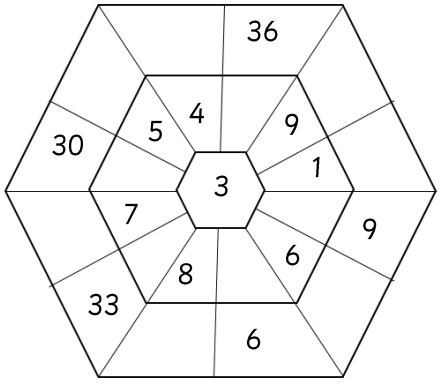


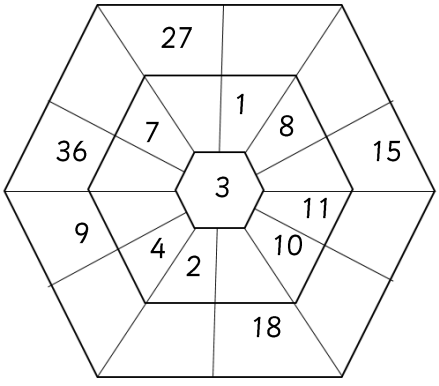


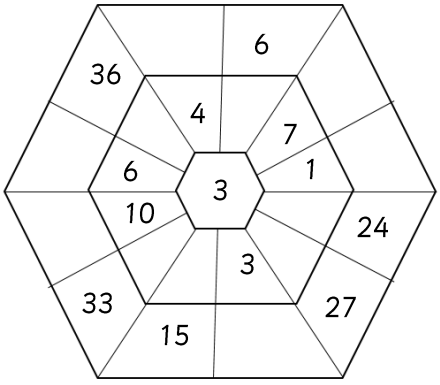


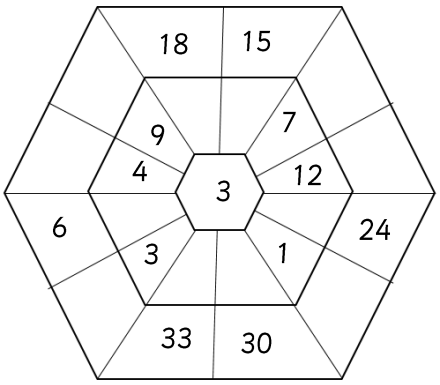


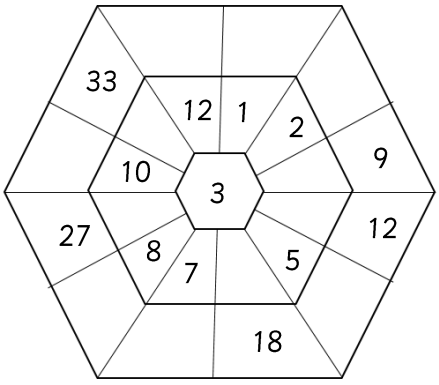












Match the times tables questions to the answers

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

Now match the division questions to the correct answers!

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

Add in the missing multiples of 3

3			12				24				36

Add in either **x 3** or **÷ 3**

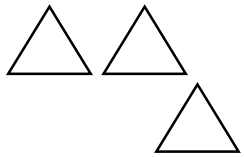
3		= 9
12		= 4
11		= 33
15		= 5
2		= 6
9		= 3

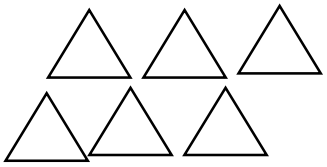
21		= 7
33		= 11
9		= 27
12		= 36
10		= 30
24		= 8

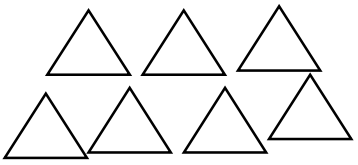
@SarahFarrellKS2

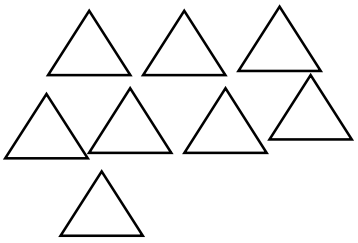
Add in the number of sides that these groups of triangles have

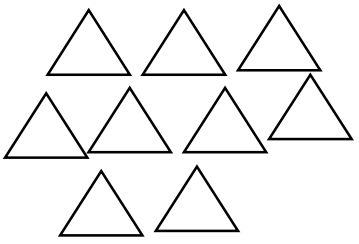
1 x 3 = 3

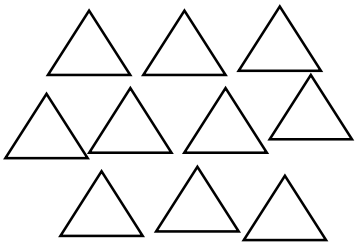


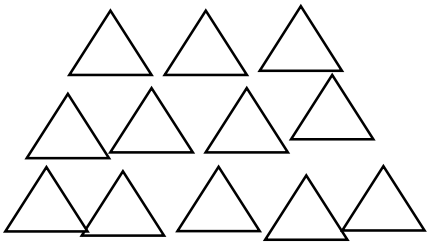


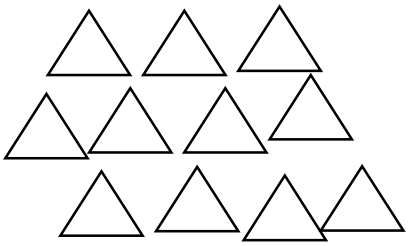


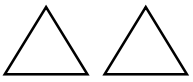


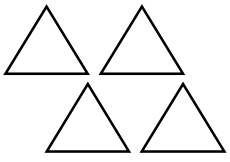


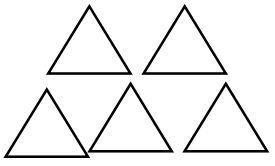




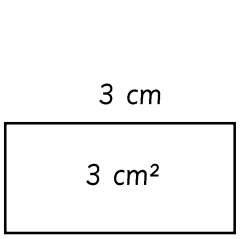


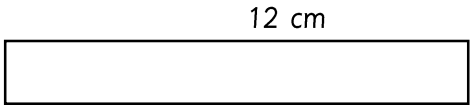


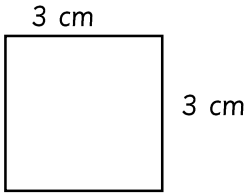


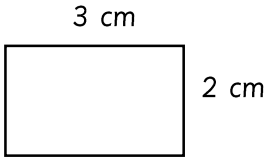


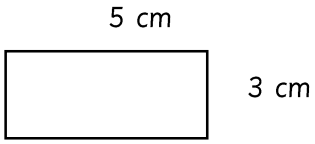
Calculate the area of each of these rectangles (not drawn to scale)

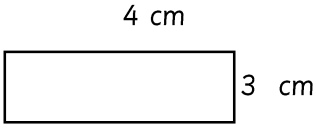


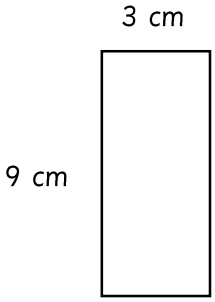


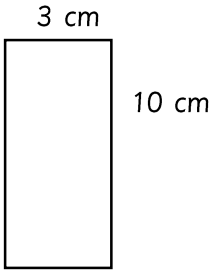


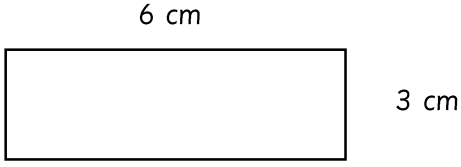


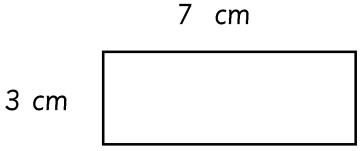


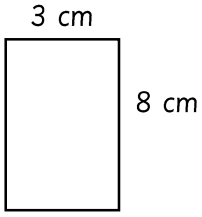


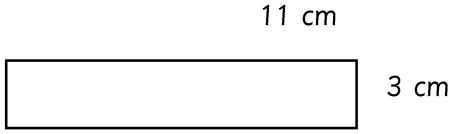








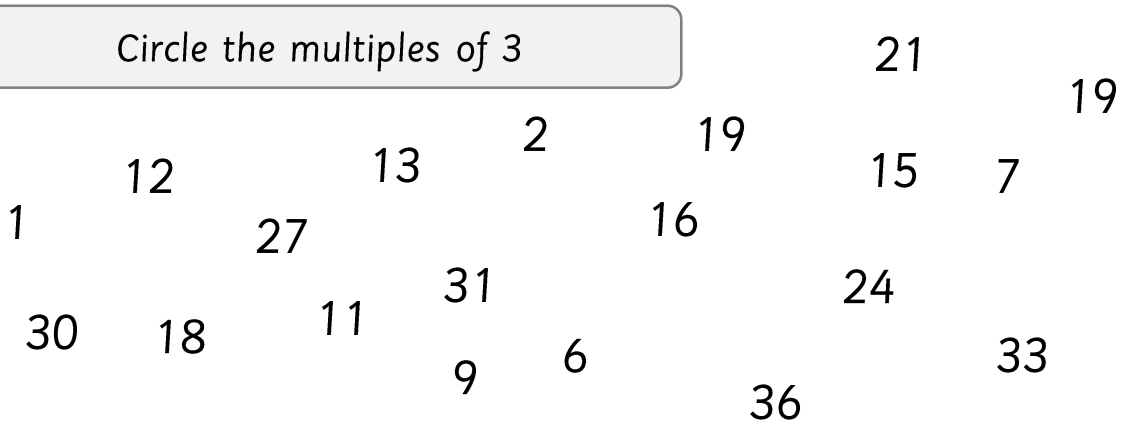




Write the multiplication or division calculation and answer for each of these word problems

A set of stools have 3 legs each. How many legs will 8 stools have?	
A triangle has 3 angles. How many angles will 12 triangles have?	
A teacher puts children into groups of 3. How many groups will be needed for 9 children?	
A child shares 18 toys equally into 3 different piles. How many toys will there be in each pile?	
Mia, Sinead and Lucas have £11 each. How much money do they have altogether?	
Two sets of triplets go to the swimming pool. How many children are there in total?	
A group of 9 children each read 3 books. How many books do they read in total?	
There are 3 identical cushions on a chair. Each one has ten stripes. How many stripes are there in total?	
A dad shares £24 equally between his three children. How much will they get each?	

Circle the multiples of 3



Use the known multiplication facts to answer these questions

1 x 3 =	
10 x 3 =	
100 x 3 =	

2 x 3 =	
20 x 3 =	
200 x 3 =	

3 x 3 =	
30 x 3 =	
300 x 3 =	

4 x 3 =	
40 x 3 =	
400 x 3 =	

5 x 3 =	
50 x 3 =	
500 x 3 =	

6 x 3 =	
60 x 3 =	
600 x 3 =	

7 x 3 =	
70 x 3 =	
700 x 3 =	

8 x 3 =	
80 x 3 =	
800 x 3 =	

9 x 3 =	
90 x 3 =	
900 x 3 =	

10 x 3 =	
100 x 3 =	
1000 x3 =	

11 x 3 =	
110 x 3 =	
1100 x 3=	

12 x 3 =	
120 x 3 =	
1200 x 3=	

Use the known multiplication facts to answer these questions

36 x 3	
30 x 3	90
6 x 3	18
total:	108

28 x 3	
20 x 3	
8 x 3	
total:	

75 x 3	
70 x 3	
5 x 3	
total:	

39 x 3	
30 x 3	
9 x 3	
total:	

57 x 3	
50 x 3	
7 x 3	
total:	

48 x 3	
40 x 3	
8 x 3	
total:	

284 x 3	
200 x 3	
80 x 3	
4 x 3	
total:	

472 x 3	
400 x 3	
70 x 3	
2 x 3	
total:	

395 x 3	
300 x 3	
90 x 3	
5 x 3	
total:	

@SarahFarrellKS2

Answers

Shade in or circle the multiples of 3 up to 100

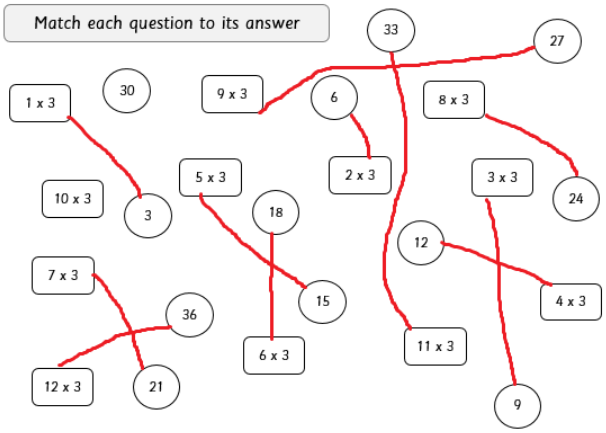
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Can you see any patterns in the 3 times table?

Write in the missing numbers

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

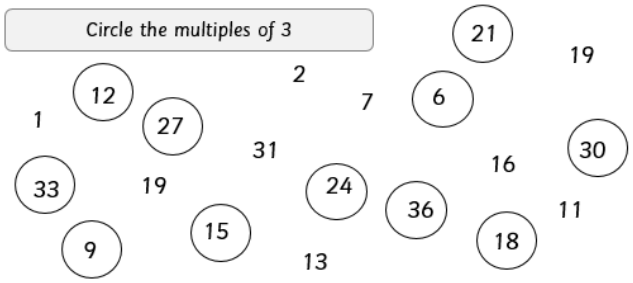
Match each question to its answer



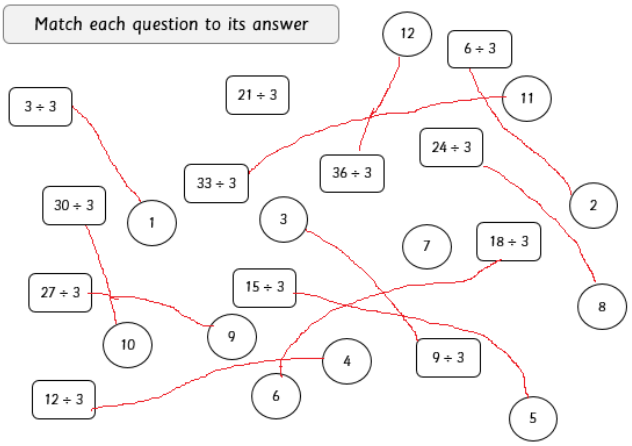
Add in the missing numbers

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

Circle the multiples of 3

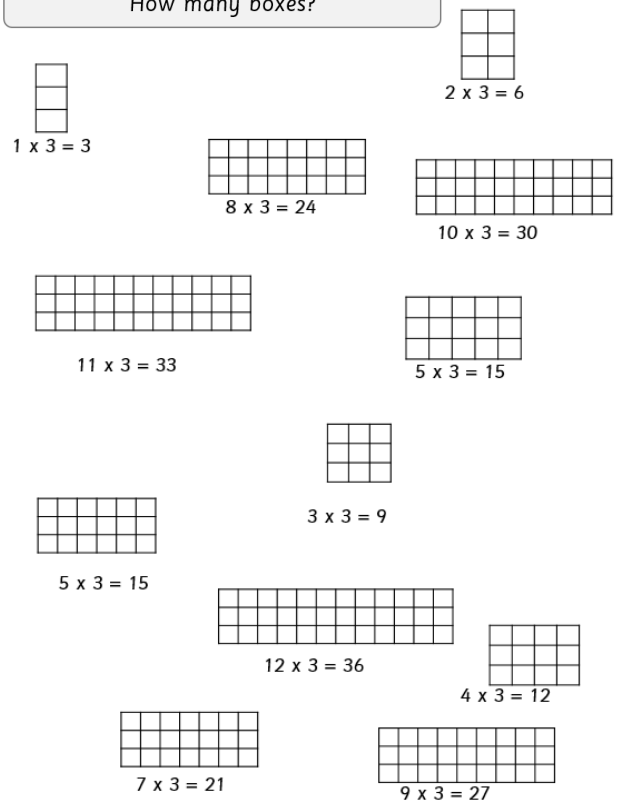


Match each question to its answer



Answers

How many boxes?



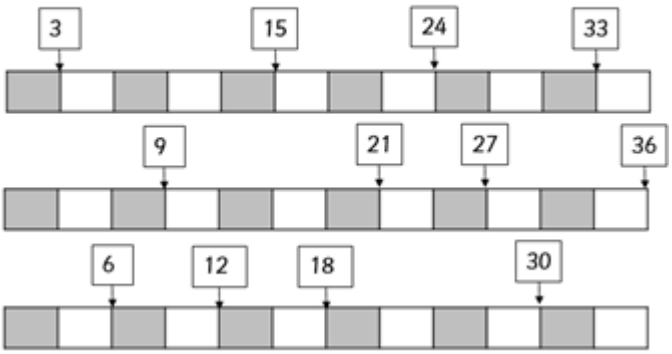
Add in the missing numbers

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

Complete the maze by only passing through multiples of 3

3	6	9	1	22	31	5	24	9	7	9	1	2
22	1	12	22	16	15	26	3	8	22	3	4	18
26	19	33	31	35	3	6	21	24	29	28	11	22
29	15	36	18	12	15	7	8	17	30	33	19	16
32	4	17	29	6	13	8	3	13	19	36	22	17
23	7	15	8	21	11	12	19	22	22	6	36	10
32	2	19	9	29	16	19	22	16	34	9	17	12
21	17	28	2	25	22	20	18	13	15	12	19	17
31	23	36	6	19	17	22	15	9	21	23	27	22
17	6	27	8	13	10	25	4	2	18	22	29	28
18	8	23	1	12	19	27	1	11	24	36	9	exit

Add in the missing multiples of 3



Answers

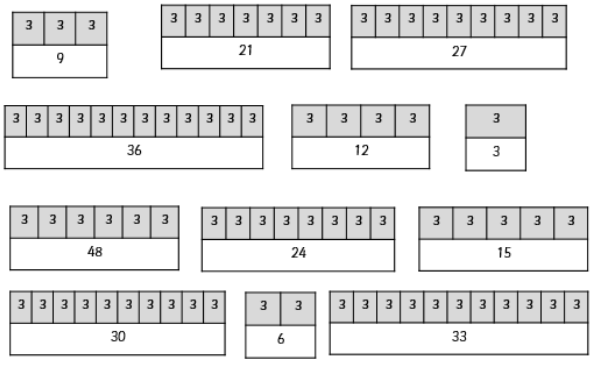
Find the 3 times table in this number search

1	x	3	=	3	6	7	8	x	3	=	24	6
4	x	3	=	16	x	x	x	11	x	3	3	9
11	x	3	=	36	24	3	3	3	9	12	x	x
9	5	x	3	10	x	3	=	30	=	15	3	3
11	x	3	=	33	18	36	4	9	8	14	=	=
12	2	3	x	5	x	4	18	x	8	2	6	27
2	9	x	4	x	3	=	12	3	7	x	3	7
x	9	12	3	3	3	x	3	=	x	3	3	X
3	36	X	9	=	24	27	33	30	3	=	18	=
=	33	8	3	15	36	6	x	3	=	18	27	24
6	12	x	3	=	4	x	3	=	21	30	33	3

Fill in the missing gaps in the table

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

Complete the bar models

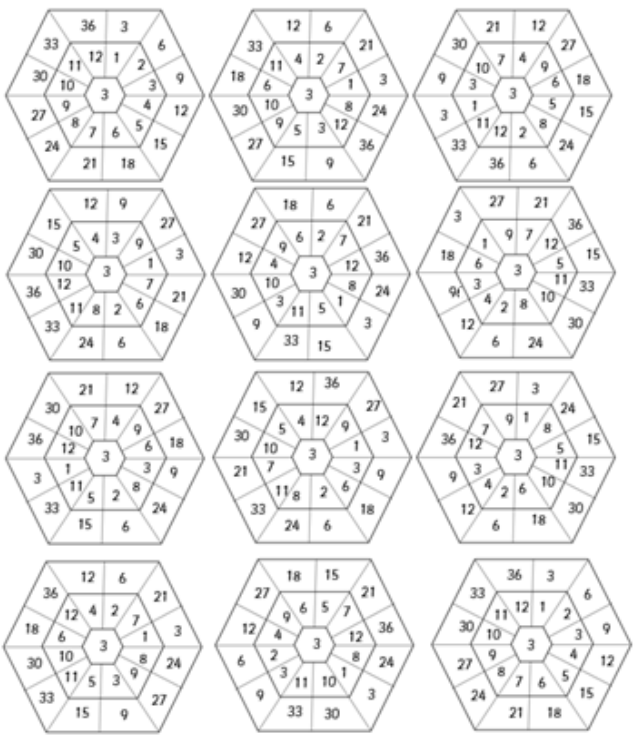


Find $\frac{1}{3}$ of the numbers below by dividing them by 3

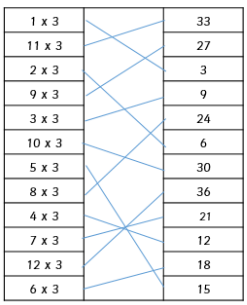
$\frac{1}{3}$ of 3 is equal to	1
$\frac{1}{3}$ of 21 is equal to	7
$\frac{1}{3}$ of 30 is equal to	10
$\frac{1}{3}$ of 6 is equal to	2
$\frac{1}{3}$ of 15 is equal to	5
$\frac{1}{3}$ of 33 is equal to	11

$\frac{1}{3}$ of 36 is equal to	12
$\frac{1}{3}$ of 9 is equal to	3
$\frac{1}{3}$ of 24 is equal to	8
$\frac{1}{3}$ of 18 is equal to	6
$\frac{1}{3}$ of 27 is equal to	9
$\frac{1}{3}$ of 12 is equal to	4

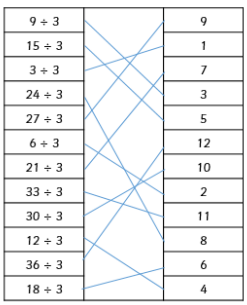
Multiply the number in the inner hexagon by the number in the middle hexagon to make the number in the outer hexagon



Match the times tables questions to the answers



Now match the division questions to the correct answers!



Add in the missing multiples of 3

3	6	9	12	15	18	21	24	27	30	33	36

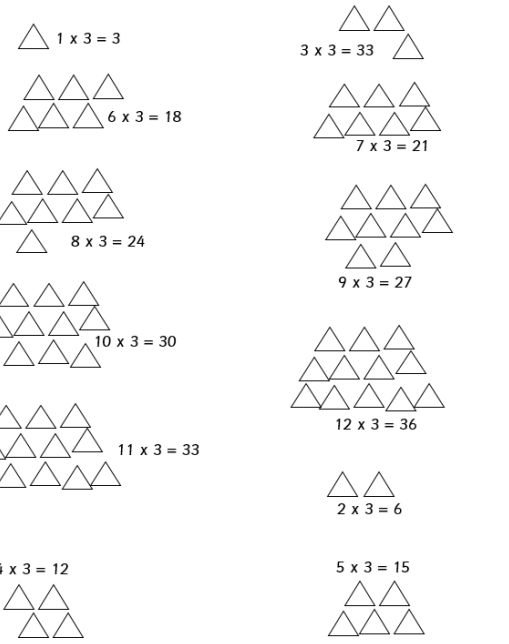
Add in either **x 3** or **÷ 3**

3	x 3	= 9
12	÷ 3	= 4
11	x 3	= 33
15	÷ 3	= 5
2	x 3	= 6
9	÷ 3	= 3

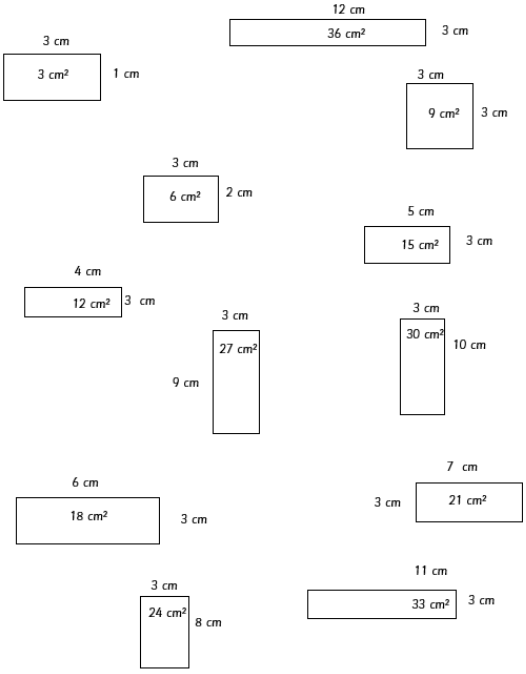
21	÷ 3	= 7
33	÷ 3	= 11
9	x 3	= 27
12	x 3	= 36
10	x 3	= 30
24	÷ 3	= 8

Answers

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



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

A set of stools have 3 legs each. How many legs will 8 stools have?	8 x 3 = 24
A triangle has 3 angles. How many angles will 12 triangles have?	12 x 3 = 36
A teacher puts children into groups of 3. How many groups will be needed for 9 children?	9 ÷ 3 = 3
A child shares 18 toys equally into 3 different piles. How many toys will there be in each pile?	18 ÷ 3 = 6
Mia, Sinead and Lucas have £11 each. How much money do they have altogether?	11 x 3 = 33
Two sets of triplets go to the swimming pool. How many children are there in total?	2 x 3 = 6
A group of 9 children each read 3 books. How many books do they read in total?	9 x 3 = 27
There are 3 identical cushions on a chair. Each one has ten stripes. How many stripes are there in total?	10 x 3 = 30
A dad shares £24 equally between his three children. How much will they get each?	24 ÷ 3 = 8

Use the known multiplication facts to answer these questions

1 x 3 =	3	2 x 3 =	6	3 x 3 =	9	4 x 3 =	12
10 x 3 =	30	20 x 3 =	60	30 x 3 =	90	40 x 3 =	120
100 x 3 =	300	200 x 3 =	600	300 x 3 =	900	400 x 3 =	1200
5 x 3 =	15	6 x 3 =	18	7 x 3 =	21	8 x 3 =	24
50 x 3 =	150	60 x 3 =	180	70 x 3 =	210	80 x 3 =	240
500 x 3 =	1500	600 x 3 =	1800	700 x 3 =	2100	800 x 3 =	2400
9 x 3 =	27	10 x 3 =	30	11 x 3 =	33	12 x 3 =	36
90 x 3 =	270	100 x 3 =	300	110 x 3 =	330	120 x 3 =	360
900 x 3 =	2700	1000 x3 =	3000	1100 x 3=	3300	1200 x 3=	3600

Use the known multiplication facts to answer these questions

36 x 3	
30 x 3	90
6 x 3	18
total:	108

28 x 3	
20 x 3	60
8 x 3	24
total:	84

75 x 3	
70 x 3	210
5 x 3	15
total:	225

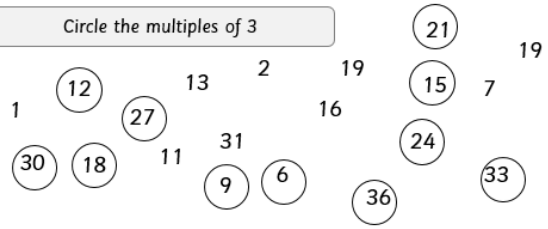
39 x 3	
30 x 3	90
9 x 3	27
total:	117

57 x 3	
50 x 3	150
7 x 3	21
total:	171

48 x 3	
40 x 3	120
8 x 3	24
total:	144

284 x 3	
200 x 3	600
80 x 3	240
4 x 3	12
total:	852

472 x 3	
400 x 3	1200
70 x 3	210
2 x 3	6
total:	1416

395 x 3	
300 x 3	900
90 x 3	270
5 x 3	15
total:	1185

Circle the multiples of 3