11 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 11 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 11 times table?

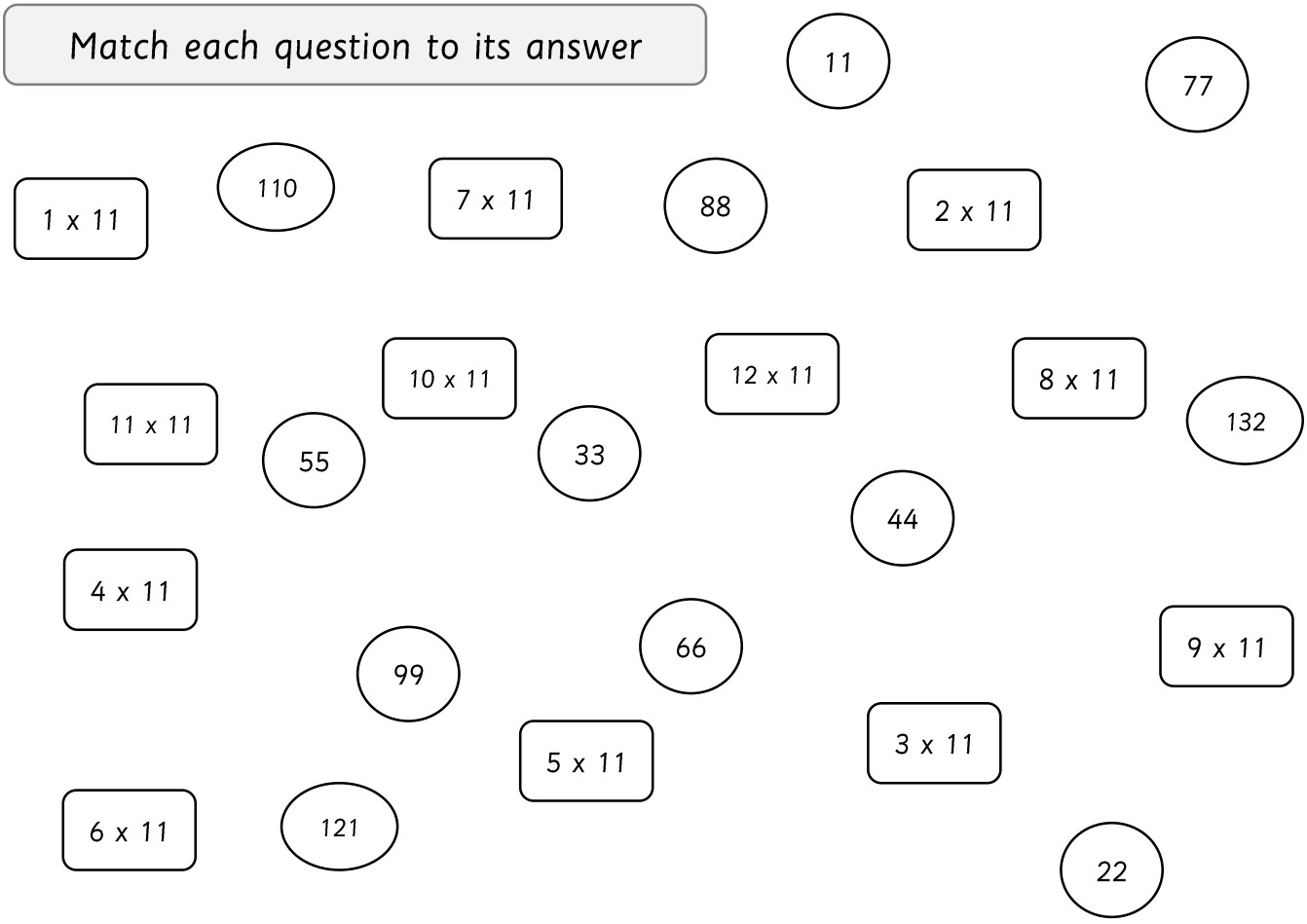
Write in the missing numbers

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

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

@SarahFarrellKS2

Match each question to its answer



Add in the missing numbers

___ x 11 = 44	7 x 11= _____
_____ x 11 = 99	2 x 11= _____
6 x 11= _____	___ x 11= 132
11 x 11= _____	___ x 11= 55
___ x 11= 11	___ x 11 = 88
10 x 11= _____	3 x 11= _____

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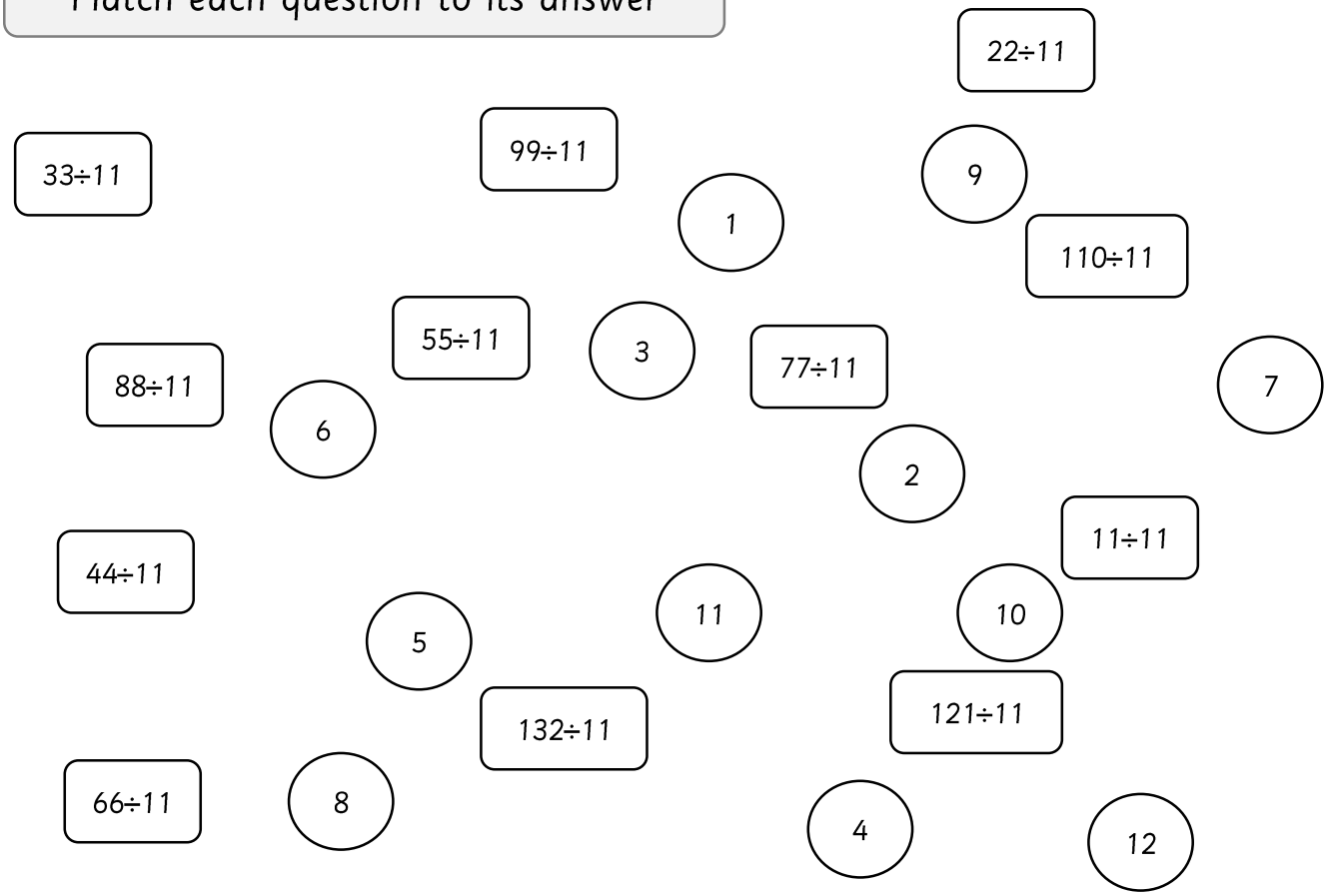
Circle the multiples of 11

34 66 122 44 88 22 110 53 77 121 2 12 33 132 111 99 46 55 31 11

Match each question to its answer



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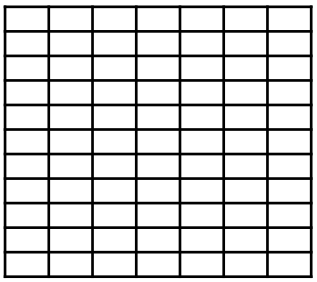
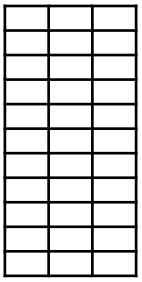
How many boxes?

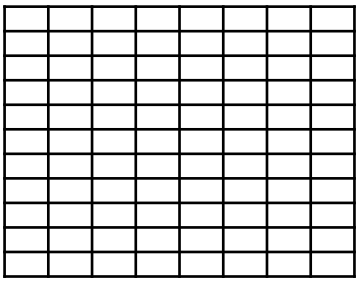
1 x 11 = 11



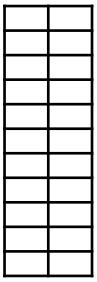
__ x ____ = ____



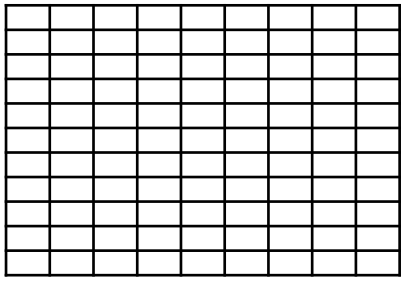
__ x ____ = ____



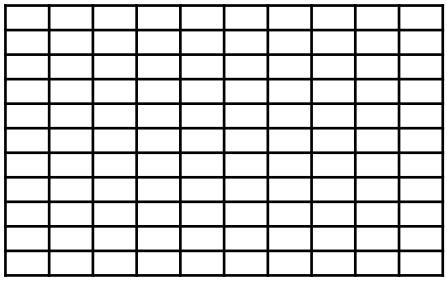
__ x ____ = ____



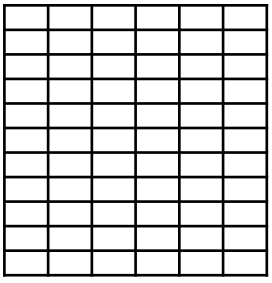
__ x ____ = ____



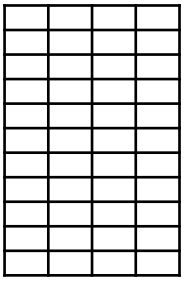
__ x ____ = ____



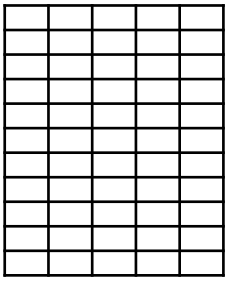
__ x ____ = ____



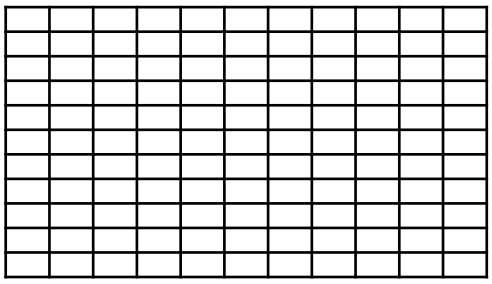
__ x ____ = ____



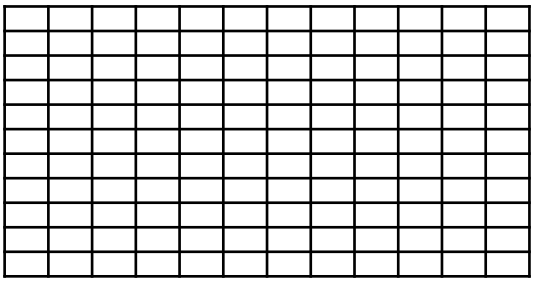
__ x ____ = ____



__ x ____ = ____



__ x ____ = ____



__ x ____ = ____

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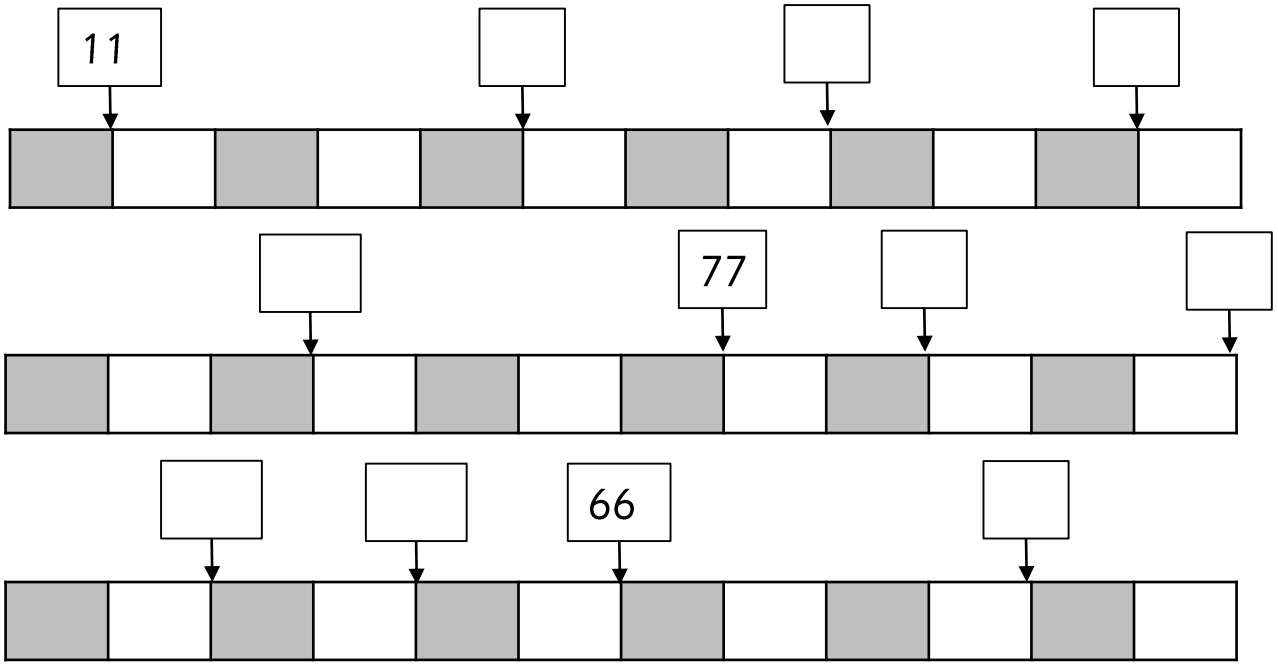
Add in the missing numbers

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

Complete the maze by only passing through multiples of 11

66	34	34	132	33	56	32	77	22	75	24	64	121
22	32	66	34	45	32	77	32	75	121	99	65	132
55	25	89	64	77	66	78	43	35	77	15	110	46
33	88	76	46	88	6	46	45	56	54	76	132	86
77	99	22	110	121	132	11	22	45	75	43	121	34
56	11	46	88	75	92	34	55	77	99	88	66	24
23	22	86	35	76	37	85	34	33	32	24	44	74
32	77	57	74	22	66	44	24	55	45	44	55	77
77	35	43	7	34	33	86	46	36	75	35	33	43
56	32	65	66	75	35	77	22	66	25	86	121	46
63	45	23	88	110	43	67	43	78	32	54	132	Exit

Add in the missing multiples of 11



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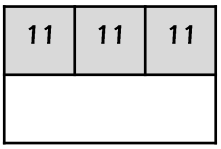
Find the 11 times table in this number search

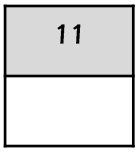
1	x	11	=	11	4	22	110	3	8	1	x	11
9	88	10	x	11	=	5	132	121	7	x	77	88
99	11	8	12	10	x	11	x	55	x	11	11	121
110	11	x	77	x	132	4	77	11	11	=	66	=
4	x	11	2	33	11	110	33	10	=	22	77	3
4	11	=	4	x	11	=	44	x	77	55	121	x
x	=	77	8	110	11	66	132	11	3	8	9	11
11	121	88	55	x	x	=	121	=	x	x	x	=
=	132	5	x	11	11	x	22	110	11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

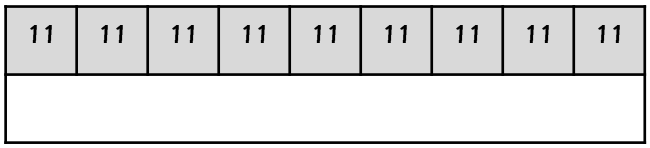
Fill in the missing gaps in the table

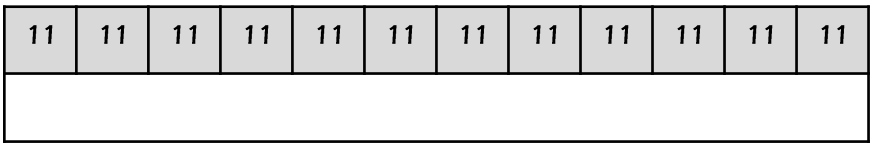
11 + 11 + 11 + 11 + 11 + 11 + 11	7 x 11	77
		33
11 + 11 + 11 + 11 + 11 + 11 + 11 + 11		
11 + 11 + 11 + 11 + 11		55
	10 x 11	
11 + 11		
		132
	9 x 11	
11 + 11 + 11 + 11 + 11 + 11 + 11 + 11 + 11 + 11 + 11		121
11		11
11 + 11 + 11 + 11 + 11 + 11		
		44

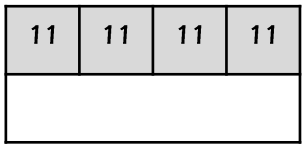
Complete the bar models

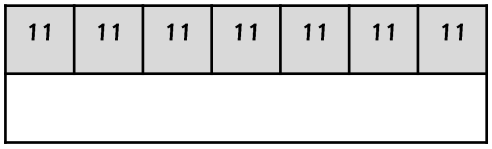


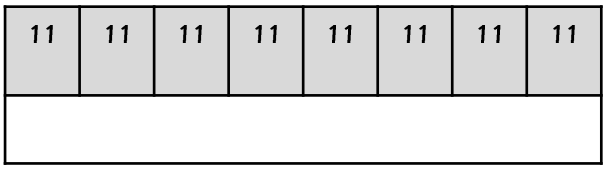


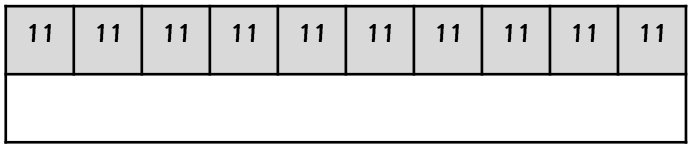


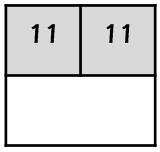


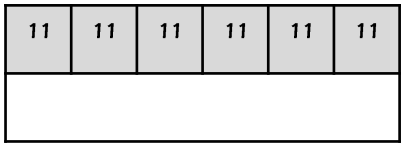


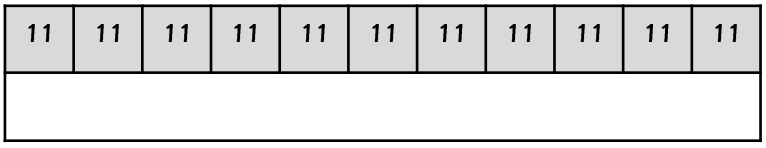


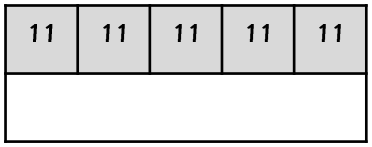












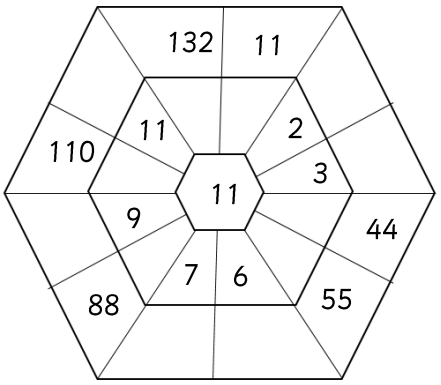
Find $\frac{1}{11}$ of the numbers below by dividing them by 11

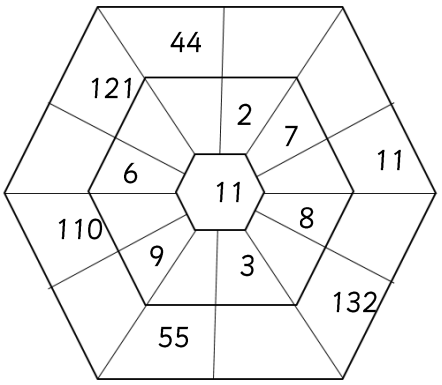
$\frac{1}{11}$ of 66 is equal to	
$\frac{1}{11}$ of 33 is equal to	
$\frac{1}{11}$ of 99 is equal to	
$\frac{1}{11}$ of 44 is equal to	
$\frac{1}{11}$ of 77 is equal to	
$\frac{1}{11}$ of 121 is equal to	

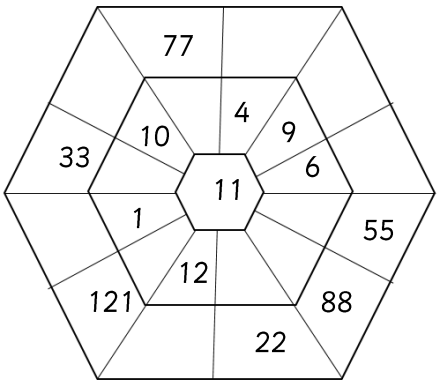
$\frac{1}{11}$ of 55 is equal to	
$\frac{1}{11}$ of 110 is equal to	
$\frac{1}{11}$ of 132 is equal to	
$\frac{1}{11}$ of 88 is equal to	
$\frac{1}{11}$ of 11 is equal to	
$\frac{1}{11}$ of 22 is equal to	

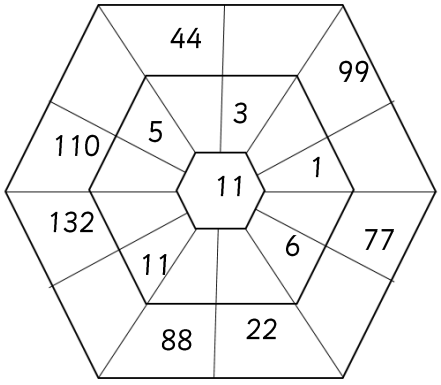
@SarahFarrellKS2

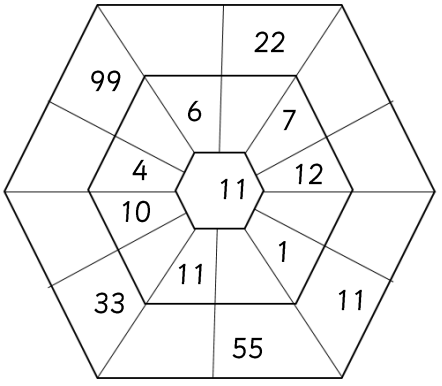
Multiply the number in the inner hexagon by the number in the middle hexagon to make the number in the outer hexagon

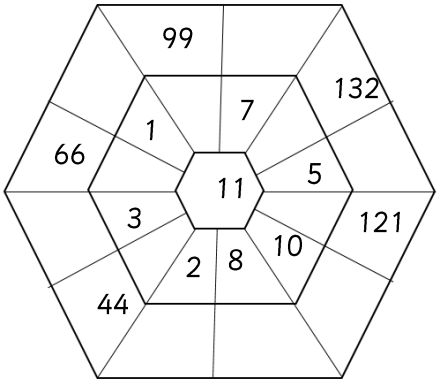


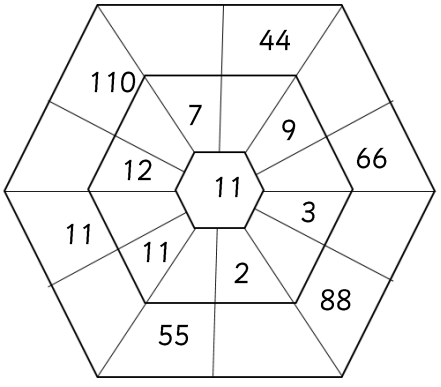


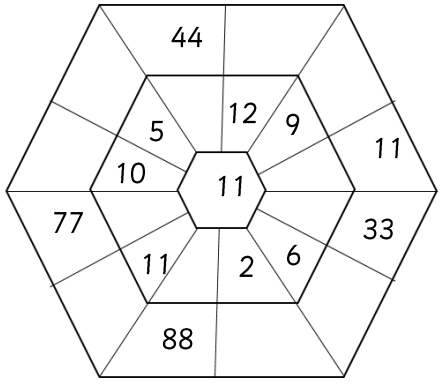


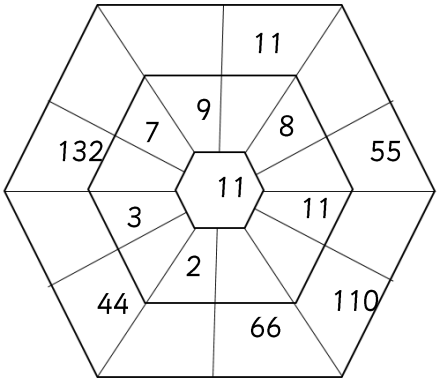


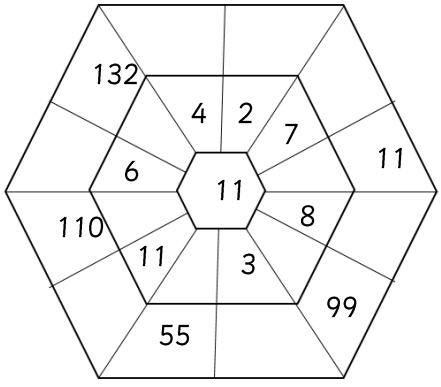


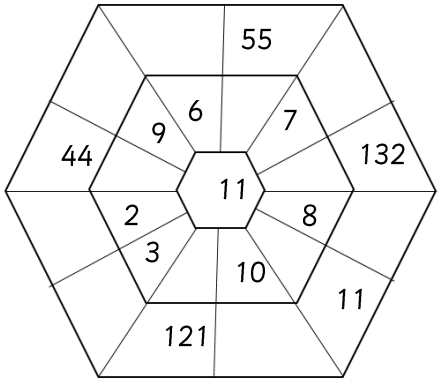


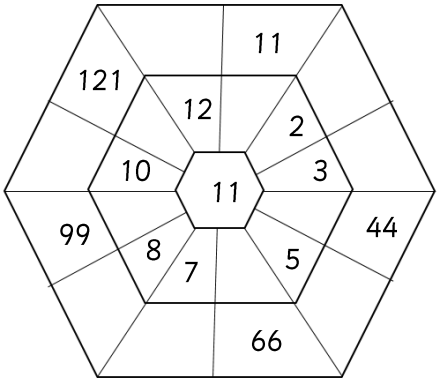












Match the times tables questions to the answers

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

Now match the division questions to the correct answers!

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

Add in the missing multiples of 11

				55							132

Add in either **x 11** or **÷ 11**

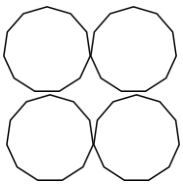
3		= 33
121		= 11
4		= 44
110		= 10
22		= 2
5		= 55

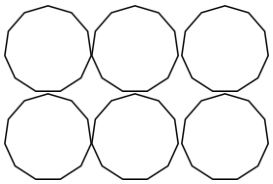
88		= 8
132		= 12
6		= 66
11		= 121
9		= 99
11		= 1

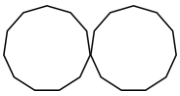
@SarahFarrellKS2

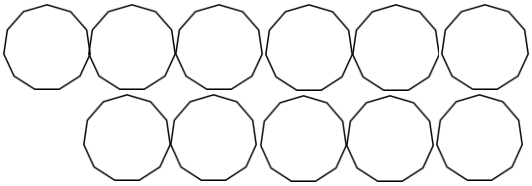
Add in the number of sides that these groups of hendecagons have

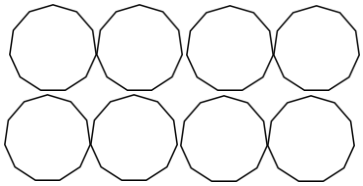
1 x 11 = 11

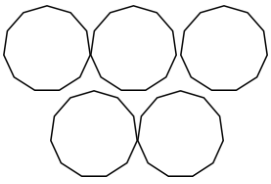


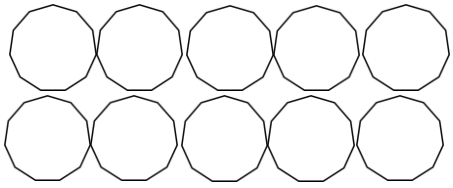


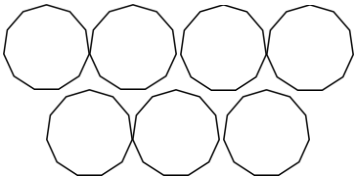


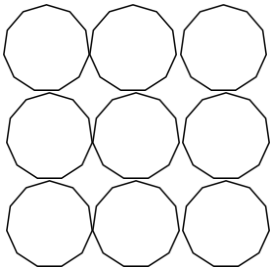


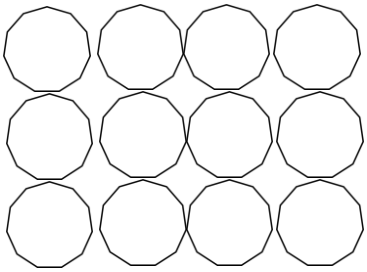


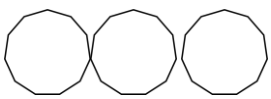












Calculate the area of each of these rectangles (not drawn to scale)

11 cm

11 cm²

1 cm

11 cm

9 cm

11 cm

11 cm

11 cm

11 cm

10 cm

12 cm

11 cm

11 cm

5 cm

3 cm

11 cm

4 cm

11 cm

11 cm

6 cm

11 cm

8 cm

7 cm

11 cm

11 cm

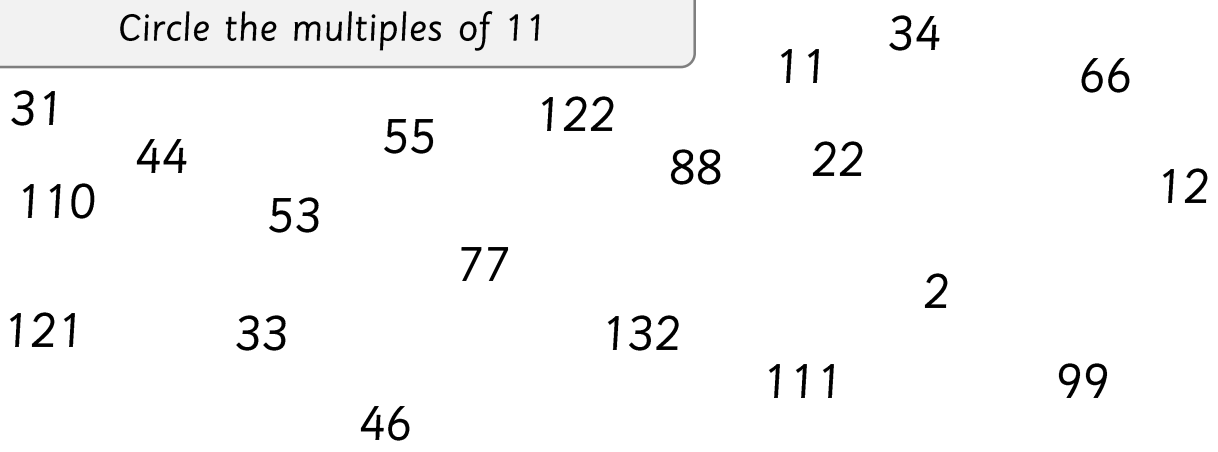
2 cm

@SarahFarrellKS2

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

There are 132 counters in a box. 11 children share them equally between themselves. How many will they receive each?	
11 children each make 5 boxes. How many boxes do they make altogether?	
A bag holds 11 bananas. How many bags will be needed to hold 77 bananas?	
It takes 11 minutes for a machine to make a toy. How many toys can the machine make in 121 minutes?	
A leaflet has 11 pages. How many pages will there be in 8 leaflets?	
There are 11 pots on a table. If 11 pencils are shared equally between the pots, how many will be in each?	
If there are 11 raisins in each box, how many raisins will there be in 6 boxes?	
A rare breed of plant flowers every 11 years. How many times will it flower in 110 years?	
Each child in a group needs 11 sheets of paper. How many sheets will be needed for 11 children?	

Circle the multiples of 11



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Use the known multiplication facts to answer these questions

1 x 11 =	11
10 x 11 =	110
100 x 11 =	1100

2 x 11 =	
20 x 11 =	
200 x 11=	

3 x 11 =	
30 x 11 =	
300 x 11=	

4 x 11 =	
40 x 11 =	
400 x 11=	

5 x 11 =	
50 x 11 =	
500 x 11=	

6 x 11 =	
60 x 11=	
600 x 11=	

7 x 11 =	
70 x 11 =	
700 x 11=	

8 x 11 =	
80 x 11 =	
800 x 11=	

9 x 11 =	
90 x 11 =	
900 x 11=	

10 x 11 =	
100 x 11=	
1000x11=	

11 x 11 =	
110 x 11=	
1100x11=	

12 x 11 =	
120 x 11=	
1200x11=	

Use the known multiplication facts to answer these questions

36 x 11	
30 x 11	330
6 x 11	66
total:	396

28 x 11	
20 x 11	
8 x 11	
total:	

75 x 11	
70 x 11	
5 x 11	
total:	

39 x 11	
30 x 11	
9 x 11	
total:	

57 x 11	
50 x 11	
7 x 11	
total:	

48 x 11	
40 x 11	
8 x 11	
total:	

284 x 11	
200 x 11	
80 x 11	
4 x 11	
total:	

472 x 11	
400 x 11	
70 x 11	
2 x 11	
total:	

395 x 11	
300 x 11	
90 x 11	
5 x 11	
total:	

Answers

Shade in or circle the multiples of 11 up to 100

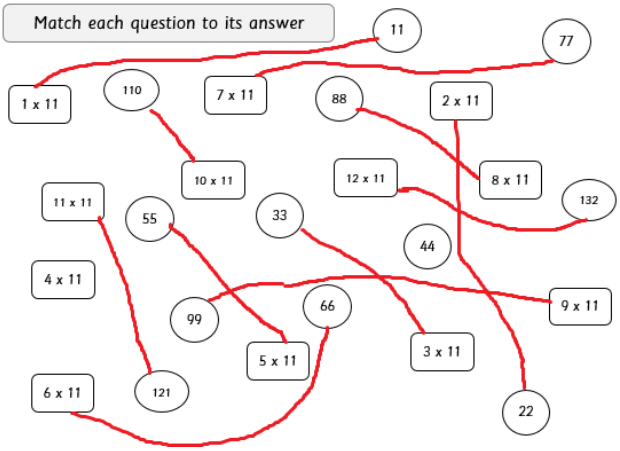
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Write in the missing numbers

1 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

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

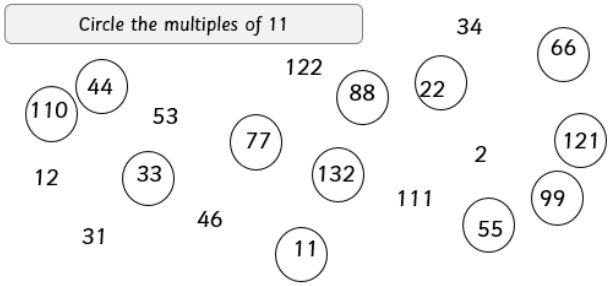
Match each question to its answer



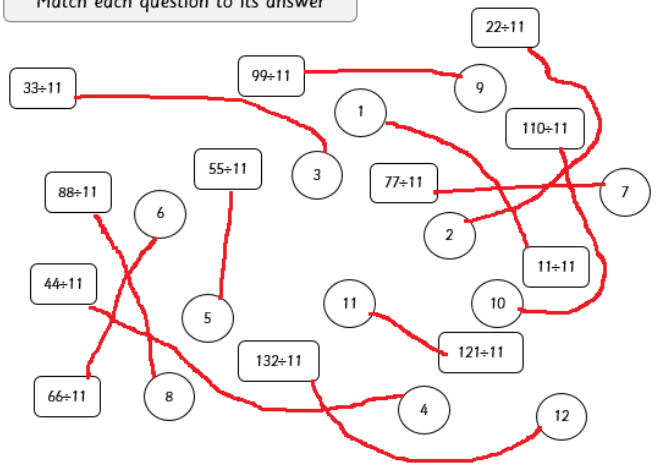
Add in the missing numbers

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

Circle the multiples of 11



Match each question to its answer



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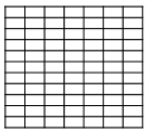
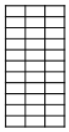
Answers

How many boxes?

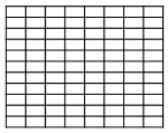
1 x 11 = 11



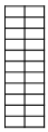
7 x 11 = 77



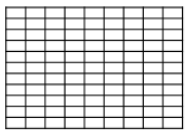
3 x 11 = 33



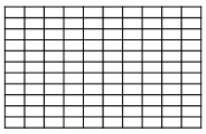
8 x 11 = 88



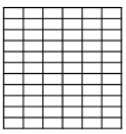
2 x 11= 22



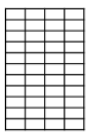
9 x 11 = 99



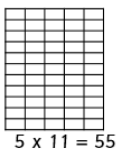
10 x 11 = 110



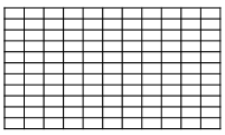
6 x 11 = 66



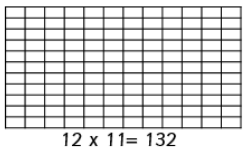
4x 11 = 44



5 x 11 = 55



11 x 11 = 121



12 x 11= 132

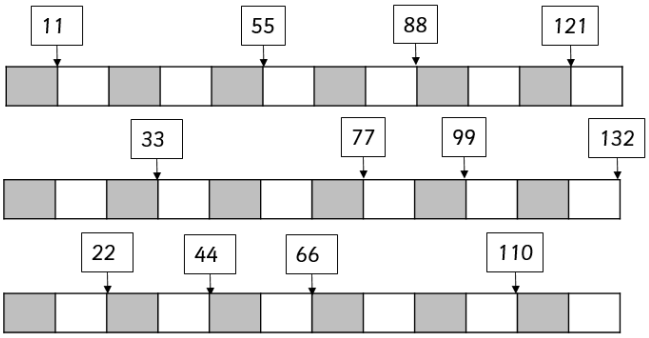
Add in the missing numbers

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

Complete the maze by only passing through multiples of 11

66	34	34	132	33	56	32	77	22	75	24	64	121
22	32	66	34	45	32	77	32	75	121	99	65	132
55	25	89	64	77	66	78	43	35	77	15	110	46
33	88	76	46	88	6	46	45	56	54	76	132	86
77	99	22	110	121	132	11	22	45	75	43	121	34
56	11	46	88	75	92	34	55	77	99	88	66	24
23	22	86	35	76	37	85	34	33	32	24	44	74
32	77	57	74	22	66	44	24	55	45	44	55	77
77	35	43	7	34	33	86	46	36	75	35	33	43
56	32	65	66	75	35	77	22	66	25	86	121	46
63	45	23	88	110	43	67	43	78	32	54	132	Exit

Add in the missing multiples of 11



@SarahFarrellKS2

Answers

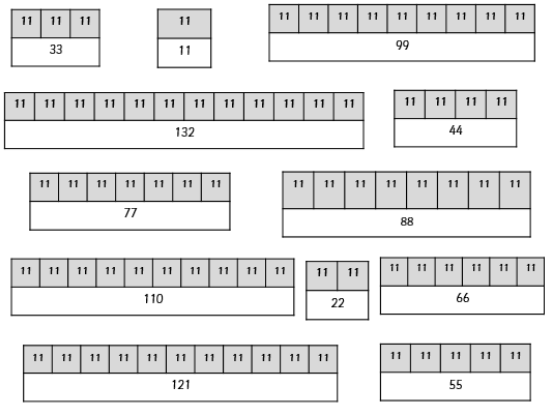
Find the 11 times table in this number search

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

Fill in the missing gaps in the table

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

Complete the bar models

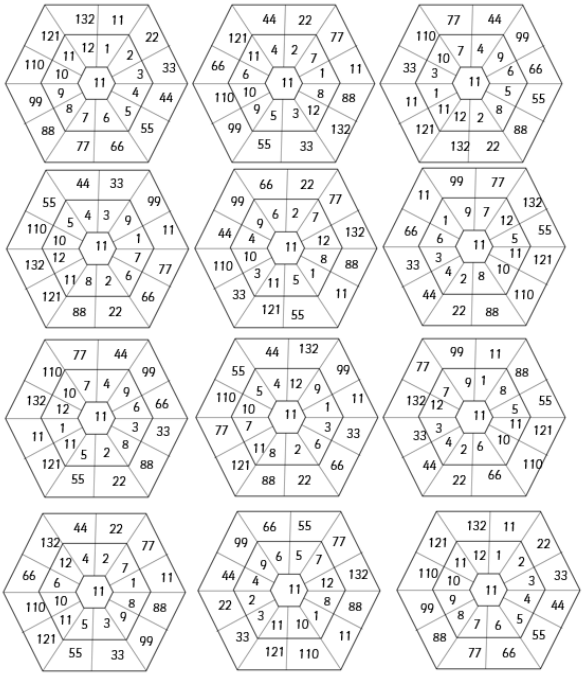


Find $\frac{1}{11}$ of the numbers below by dividing them by 11

$\frac{1}{11}$ of 66 is equal to	6
$\frac{1}{11}$ of 33 is equal to	3
$\frac{1}{11}$ of 99 is equal to	9
$\frac{1}{11}$ of 44 is equal to	4
$\frac{1}{11}$ of 77 is equal to	7
$\frac{1}{11}$ of 121 is equal to	11

$\frac{1}{11}$ of 55 is equal to	5
$\frac{1}{11}$ of 110 is equal to	10
$\frac{1}{11}$ of 132 is equal to	12
$\frac{1}{11}$ of 88 is equal to	8
$\frac{1}{11}$ of 11 is equal to	1
$\frac{1}{11}$ of 22 is equal to	2

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 11	122
11 x 11	99
2 x 11	11
9 x 11	33
3 x 11	88
10 x 11	22
5 x 11	110
8 x 11	132
4 x 11	77
7 x 11	44
12 x 11	66
6 x 11	55

Now match the division questions to the correct answers!

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

Add in the missing multiples of 11

11	22	33	44	55	66	77	88	99	110	121	132

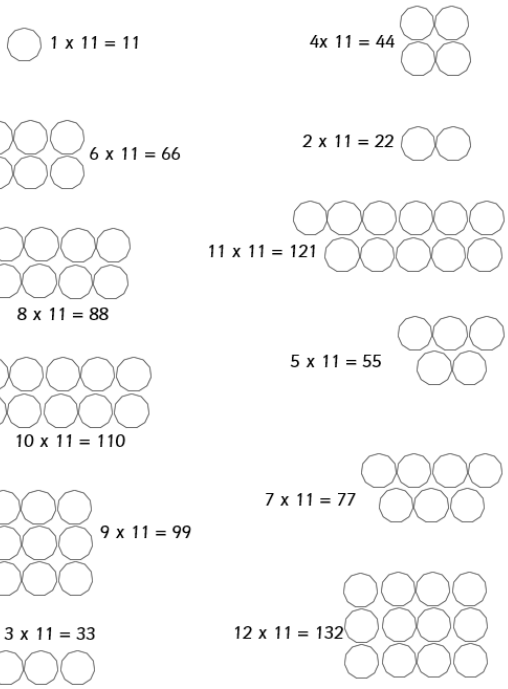
Add in either x 11 or ÷ 11

3	x 11	= 33
121	÷ 11	= 11
4	x 11	= 44
110	÷ 11	= 10
22	÷ 11	= 2
5	x 11	= 55

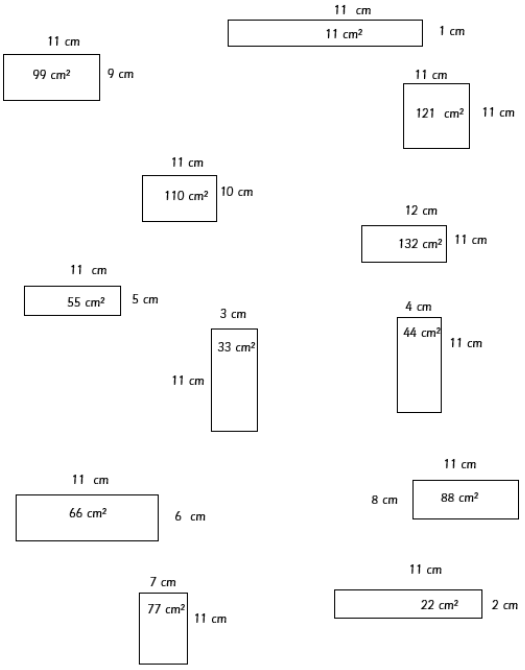
88	÷ 11	= 8
132	÷ 11	= 12
6	x 11	= 66
11	x 11	= 121
9	x 11	= 99
11	÷ 11	= 1

Answers

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



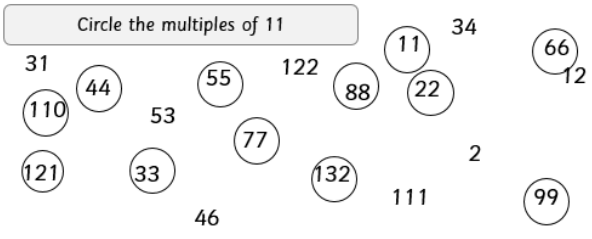
Calculate the area of each of these rectangles (not drawn to scale)



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

There are 132 counters in a box. 11 children share them equally between themselves. How many will they receive each?	132 ÷ 11 = 12
11 children each make 5 boxes. How many boxes do they make altogether?	5 x 11 = 55
A bag holds 11 bananas. How many bags will be needed to hold 77 bananas?	77 ÷ 11 = 7
It takes 11 minutes for a machine to make a toy. How many toys can the machine make in 121 minutes?	121 ÷ 11 = 11
A leaflet has 11 pages. How many pages will there be in 8 leaflets?	8 x 11 = 88
There are 11 pots on a table. If 11 pencils are shared equally between the pots, how many will be in each?	11 ÷ 11 = 1
If there are 11 raisins in each box, how many raisins will there be in 6 boxes?	6 x 11 = 66
A rare breed of plant flowers every 11 years. How many times will it flower in 110 years?	110 ÷ 11 = 10
Each child in a group needs 11 sheets of paper. How many sheets will be needed for 11 children?	11 x 11 = 121

Circle the multiples of 11



Use the known multiplication facts to answer these questions

1 x 11 =	11	2 x 11 =	22	3 x 11 =	33	4 x 11 =	44
10 x 11 =	110	20 x 11 =	220	30 x 11 =	330	40 x 11 =	440
100 x 11 =	1100	200 x 11=	2200	300 x 11=	3300	400 x 11=	4400
5 x 11 =	55	6 x 11 =	66	7 x 11 =	77	8 x 11 =	88
50 x 11 =	550	60 x 11=	660	70 x 11 =	770	80 x 11 =	880
500 x 11=	5500	600 x 11=	6600	700 x 11=	7700	800 x 11=	8800
9 x 11 =	99	10 x 11 =	110	11 x 11 =	121	12 x 11 =	132
90 x 11 =	990	100 x 11=	1100	110 x 11=	1210	120 x 11=	1320
900 x 11=	9900	1000x11=	11000	1100x11=	12100	1200x11=	13200

Use the known multiplication facts to answer these questions

36 x 11	
30 x 11	330
6 x 11	66
total:	396

28 x 11	
20 x 11	220
8 x 11	88
total:	308

75 x 11	
70 x 11	770
5 x 11	55
total:	825

39 x 11	
30 x 11	330
9 x 11	99
total:	429

57 x 11	
50 x 11	550
7 x 11	77
total:	627

48 x 11	
40 x 11	440
8 x 11	88
total:	528

284 x 11	
200 x 11	2200
80 x 11	880
4 x 11	44
total:	3124

472 x 11	
400 x 11	4400
70 x 11	770
2 x 11	22
total:	5192

395 x 11	
300 x 11	3300
90 x 11	990
5 x 11	55
total:	4345

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