SMILE WORKCARDS

Multiplication Pack One

Contents

You should now know your 2 times table.

Try these questions to make sure.

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

When you have completed this booklet, ask your teacher to test you on your 2 times table.

I know my 2 times table.

Pupil's signature _____

Teacher's signature _____

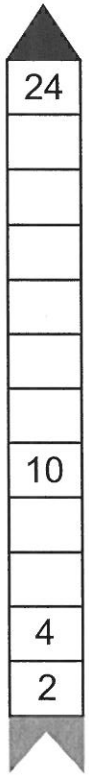
2 Times Table

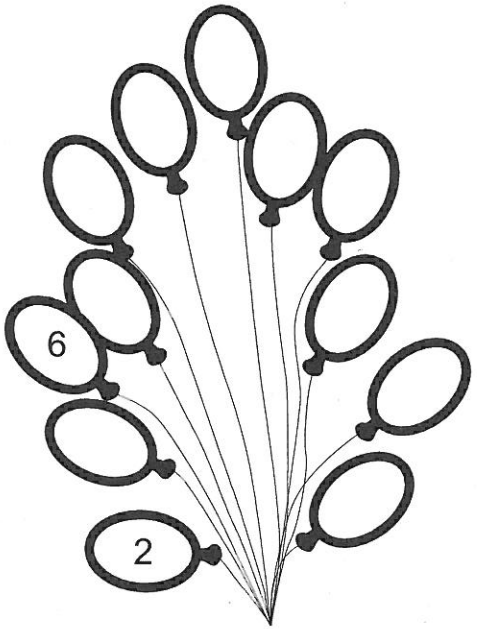
2

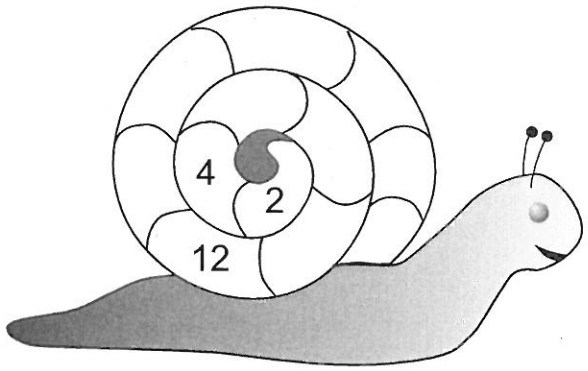
Times Table Booklet

Name _____

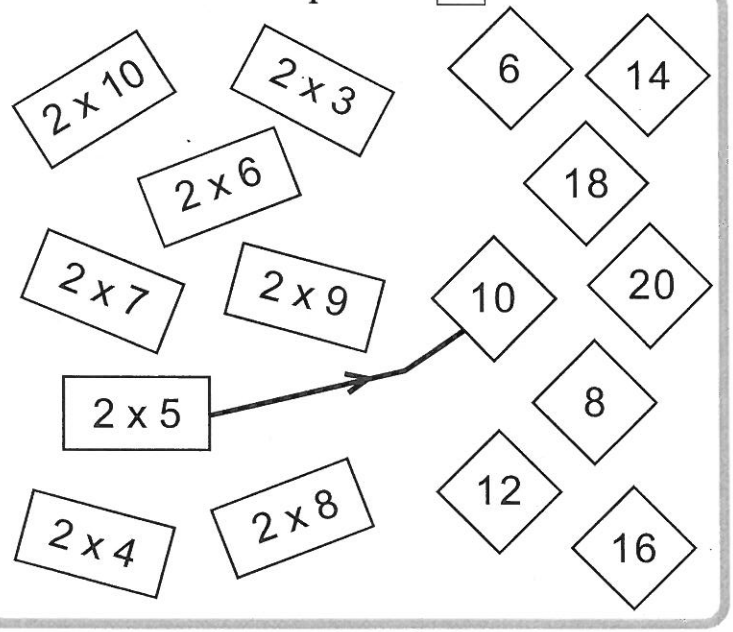
Continue the jumping in 2 's pattern.







Match the multiples of 2

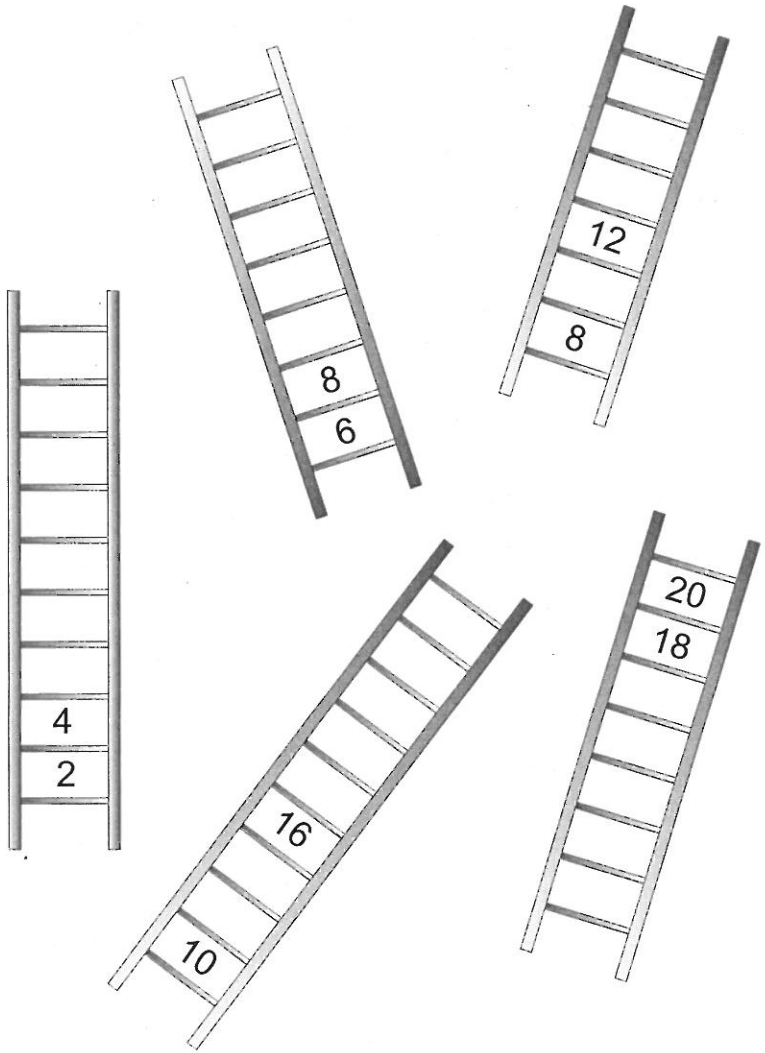


Mark the test paper

1. 2 x 6 = 12 ✓
2. 2 x 7 = 16 ✗
3. 2 x 5 = 10
4. 2 x 3 = 6
5. 2 x 10 = 16
6. 2 x 8 = 20
7. 2 x 4 = 8
8. 2 x 9 = 18
9. 2 x 2 = 6
10. 2 x 11 = 22

Use the multiples of 2 .

Fill in the steps on each ladder.



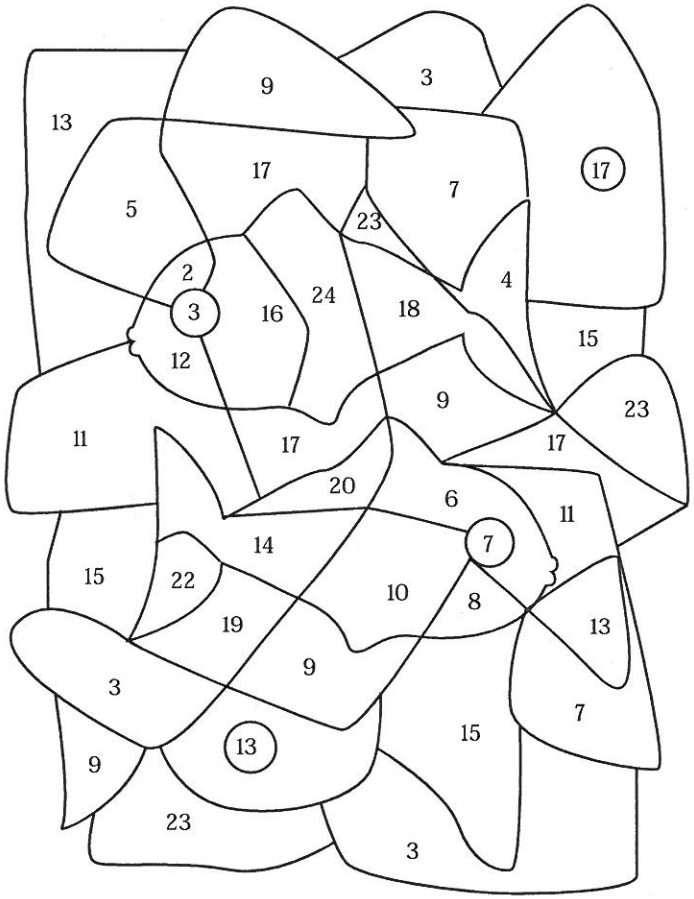
Complete the 2 times table.

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

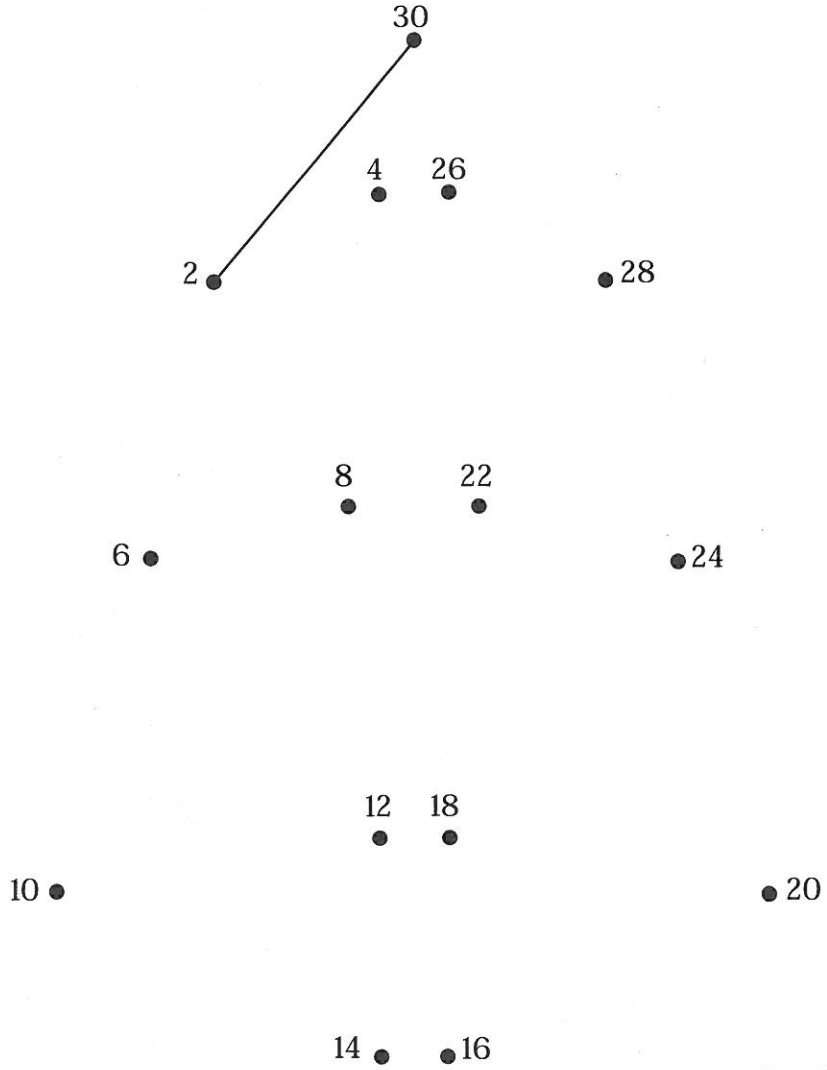
Shade all the multiples of 2 .

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

Shade each region which is a multiple of 2 .



Join up the multiples of 2 in order.



Missing Pieces

Fill in the missing numbers.

1	2		4	5	6			9	10
11	12		14	15	16		18	19	20
21	22		24	25			28	29	30
31	32	33	34	35	36			39	40
		43	44	45	46	47	48	49	
51			54	55	56	57	58	59	
61			64	65	66				
71	72	73	74	75	76			79	80
	82			85	86		88	89	90
			94	95	96	97	98		100

2	4		8	10
12			18	20
22	24	26	28	30
	34	36		
	44			50

3	6	9		
		24		30
33		39		45
		54	57	60
63	66	69		

9	18	27		
54	63			
	108	117	126	135
	153	162		
		207		

	12	18	24	30
36	42			60
	72		84	90
96	102	108		120
126			144	150

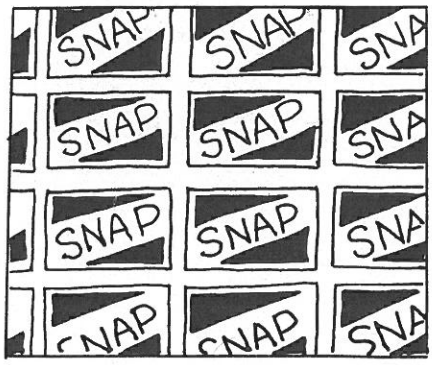
1	2	3	4	5	6	7	8	9	10
2	4	6		10	12	14			20
		9	12	15	18			27	30
4		12	16	20					
5	10	15		25	30	35	40	45	50
6	12			30			48	54	60
7				35				63	70
8		24	32	40	48		64	72	
9	18	27			54				
10	20				60	70	80	90	100

Make up another number square with missing numbers for someone else to solve.

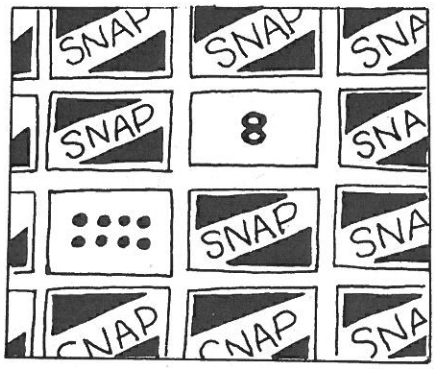
You will need the cards from 1365 'Number Snap!'

PAIRS

A game for up to four players



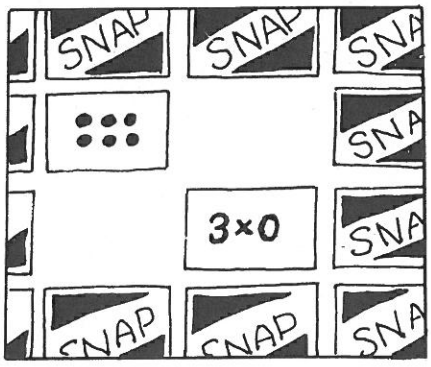
Spread out all the cards face down on the table.



The first player turns over 2 cards.

If they are the same the player keeps the 2 cards.

If they are not the same he turns them back over.



Now it is the next player's turn.

When all the cards have been picked up, the game is over.

The player with the most cards is the **winner**.

Don't forget to put the cards back into the envelope (1365).

You will need 2 dice, 20 red counters and 20 blue counters

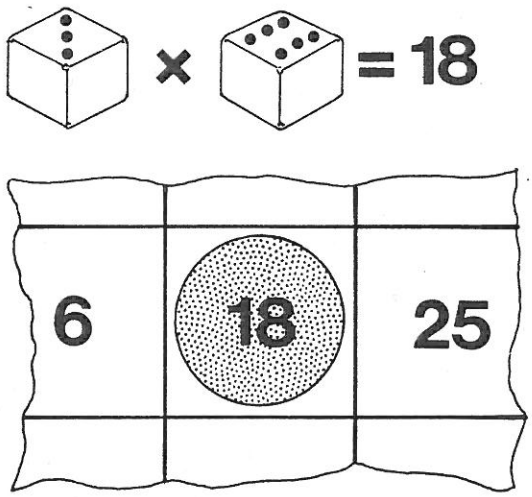
Times Square – *a game for 2 players*

Throw the two dice and multiply their numbers.

Use a counter to cover up your score on the board.

Next player!

The winner is the first player to get 3 counters in a line.



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

You should now know your 3 times table.

Try these questions to make sure.

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

When you have completed this booklet, ask your teacher to test you on your 3 times table.

I know my 3 times table.

Pupil's signature _____

Teacher's signature _____

3 Times Table

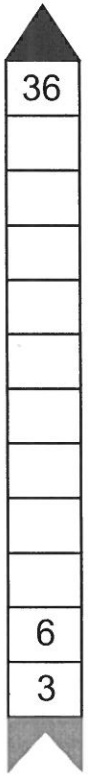
3

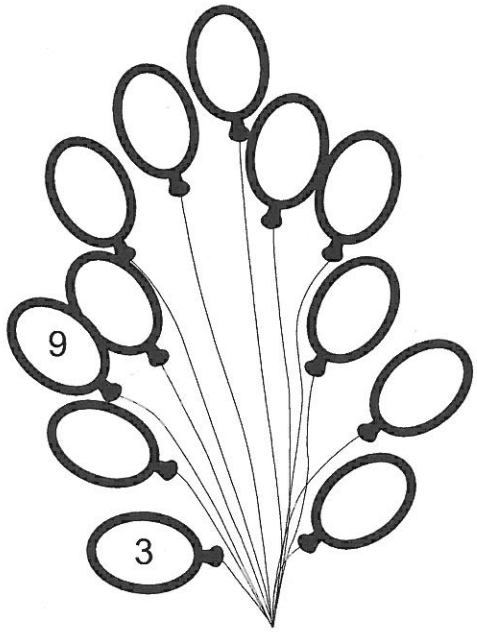
Times Table Booklet

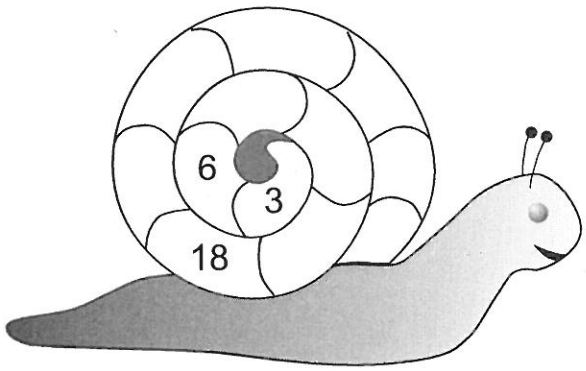
Name _____

Continue the jumping in 3 's pattern.

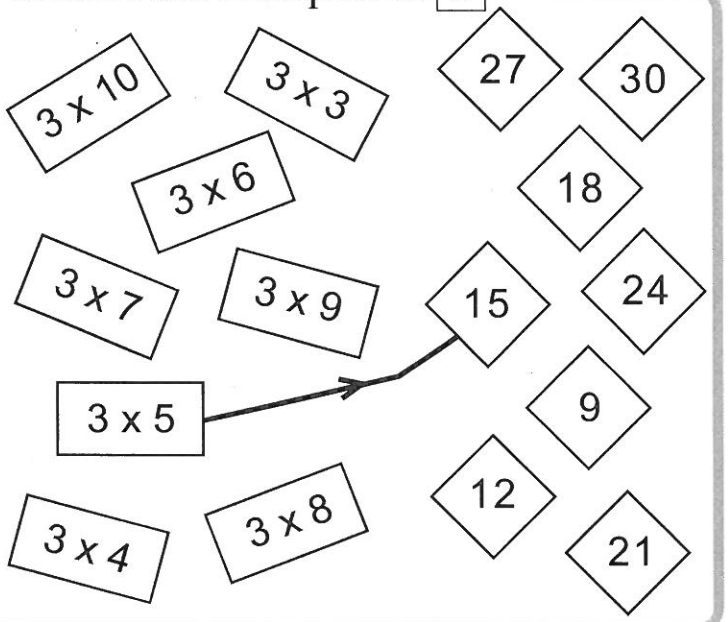
3 6 ○ ○ ○ ○ ○ ○ ○ ○







Match the multiples of 3

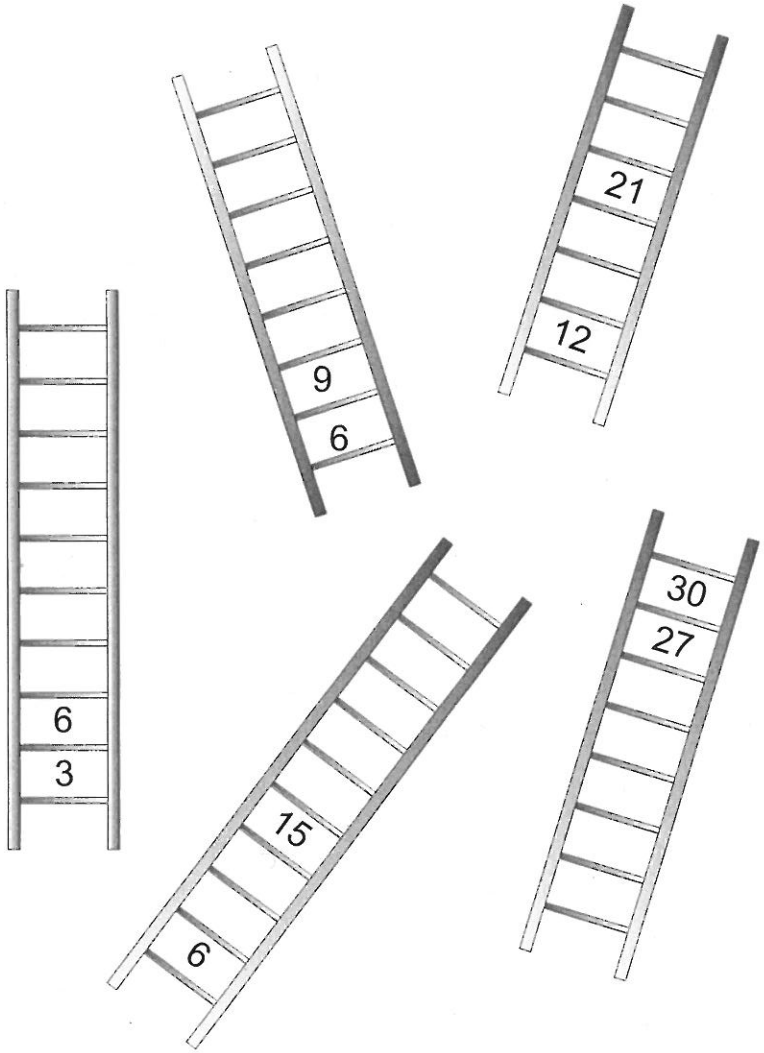


Mark the test paper

1. 3 x 6 = 18 ✓		**6.** 3 x 8 = 18	
2. 3 x 7 = 23 ✗		**7.** 3 x 4 = 12	
3. 3 x 5 = 15		**8.** 3 x 9 = 27	
4. 3 x 3 = 6		**9.** 3 x 2 = 6	
5. 3 x 10 = 30		**10.** 3 x 12 = 36	

Use the multiples of 3 .

Fill in the steps on each ladder.



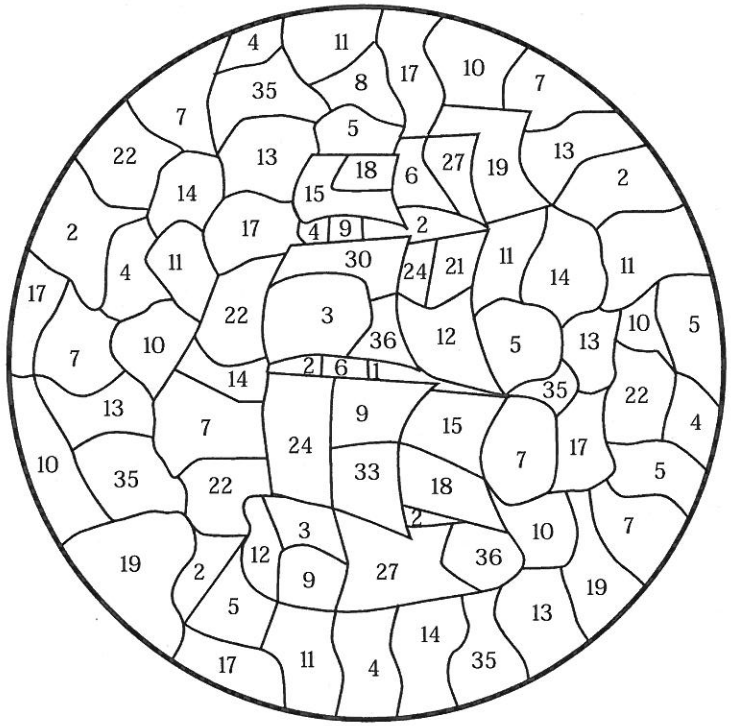
Complete the 3 times table.

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

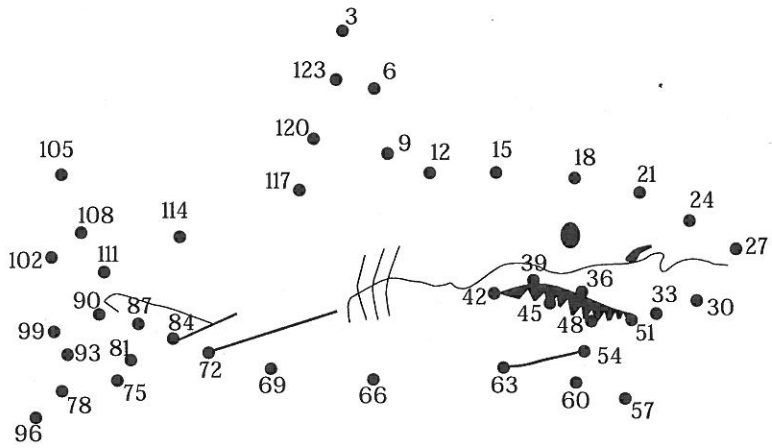
Shade all the multiples of 3 .

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

Shade each region which is a multiple of 3 .



Join up the multiples of 3 in order.



You should now know your 5 times table.

Try these questions to make sure.

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

When you have completed this booklet, ask your teacher to test you on your 5 times table.

I know my 5 times table.

Pupil's signature _____

Teacher's signature _____

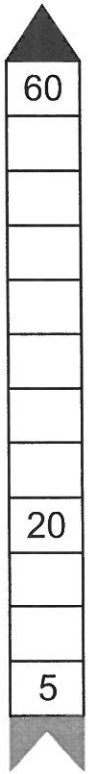
5 Times Table

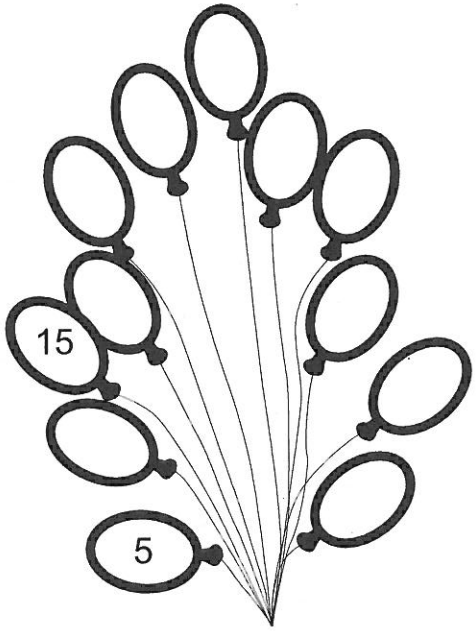
5

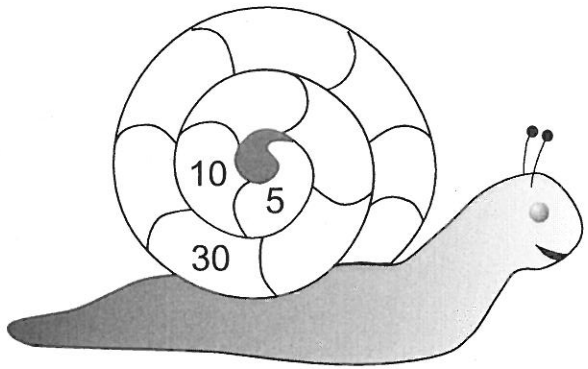
Times Table Booklet

Name _____

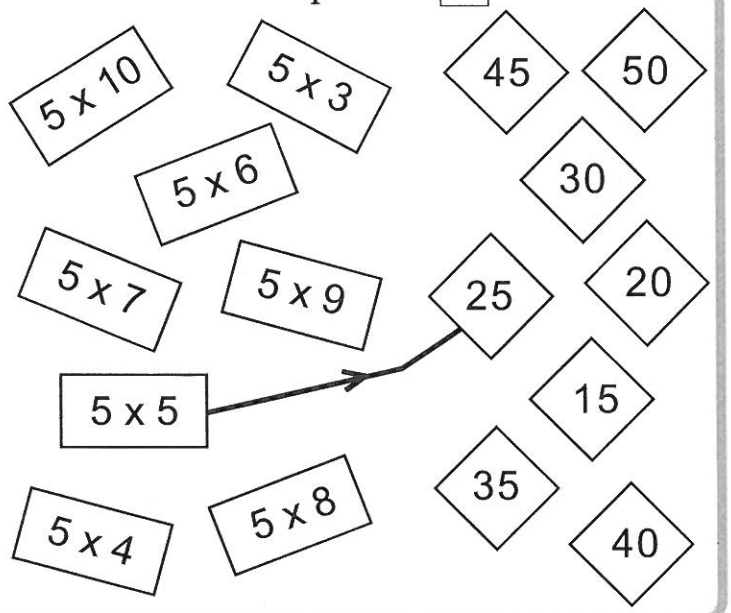
Continue the jumping in 5 's pattern.







Match the multiples of 5

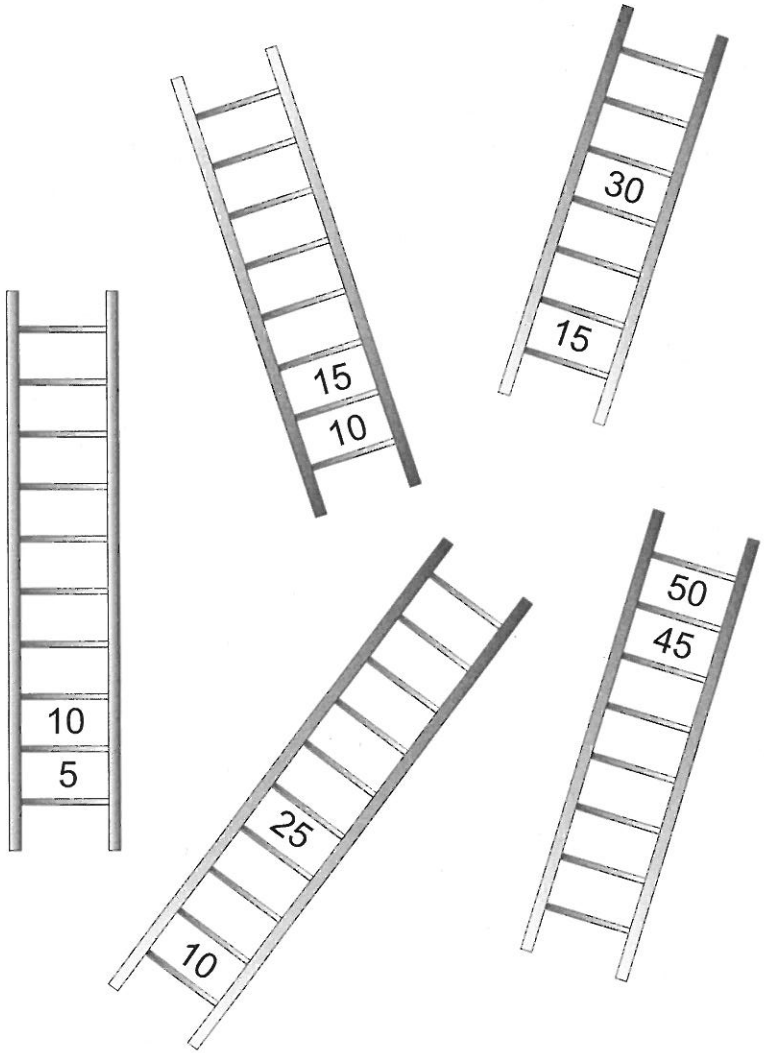


Mark the test paper

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

Use the multiples of 5 .

Fill in the steps on each ladder.



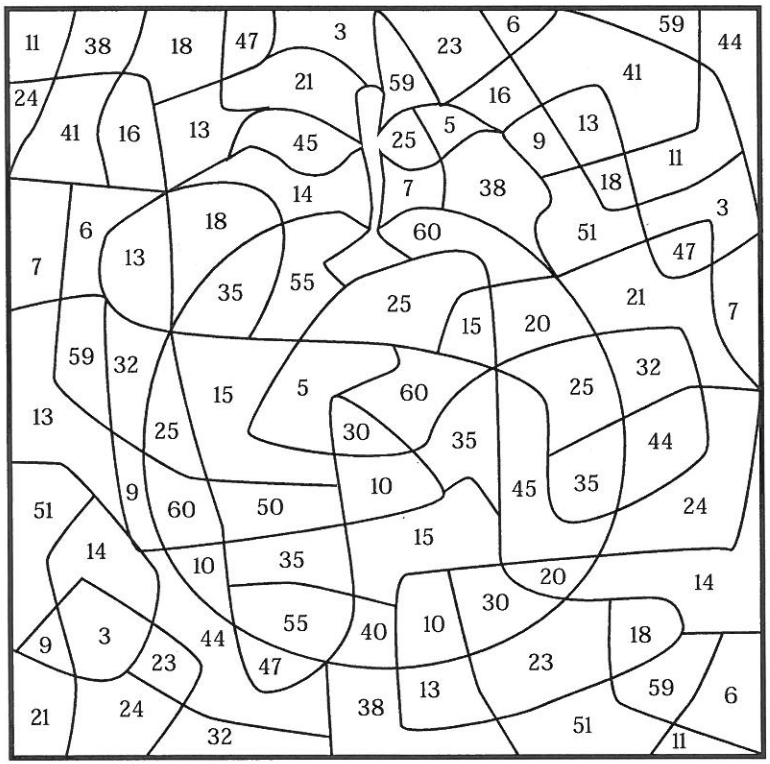
Complete the 5 times table.

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

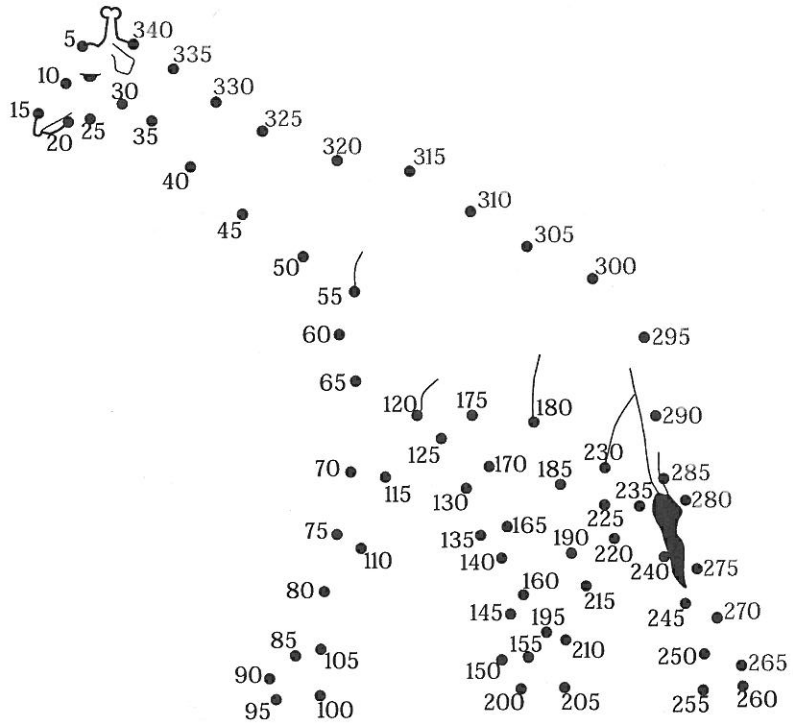
Shade all the multiples of 5 .

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

Shade each region which is a multiple of 5 .



Join up the multiples of 5 in order.



You should now know your 10 times table.

Try these questions to make sure.

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

When you have completed this booklet, ask your teacher to test you on your 10 times table.

I know my 10 times table.

Pupil's signature _____

Teacher's signature _____

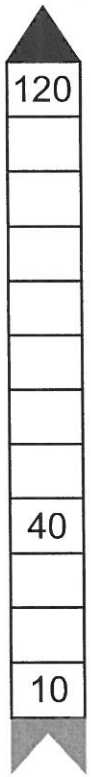
10 Times Table

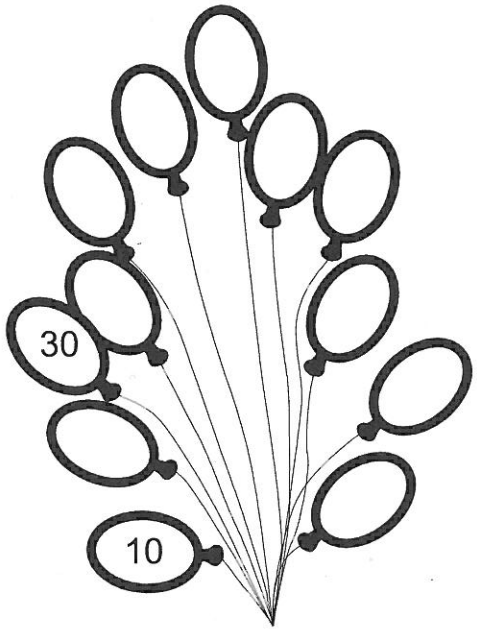
10

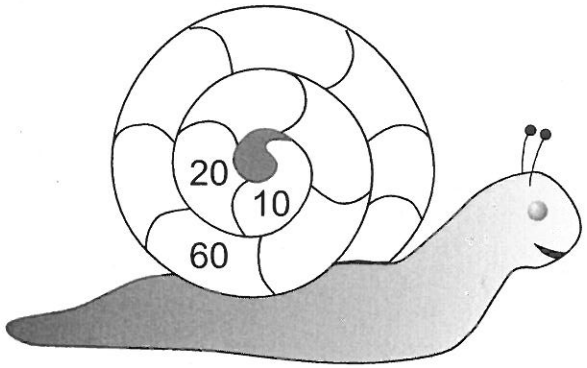
Times Table Booklet

Name _____

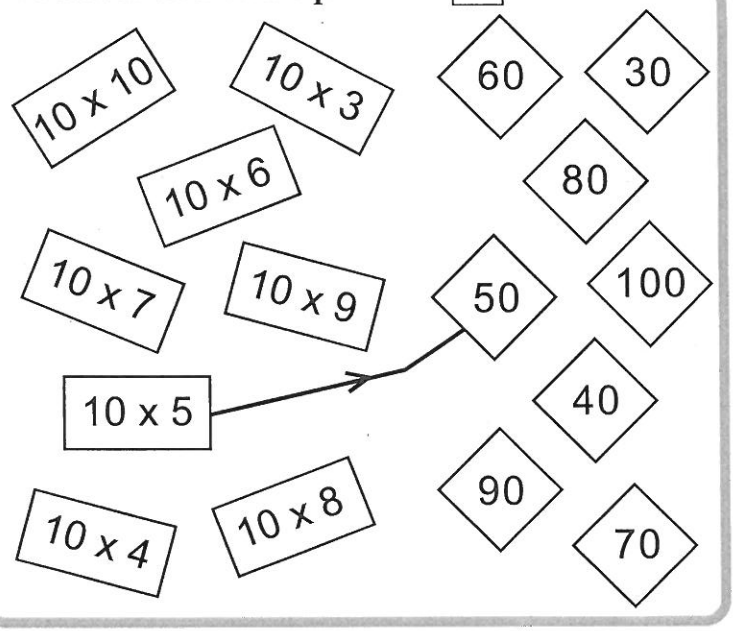
Continue the jumping in 10 's pattern.







Match the multiples of 10

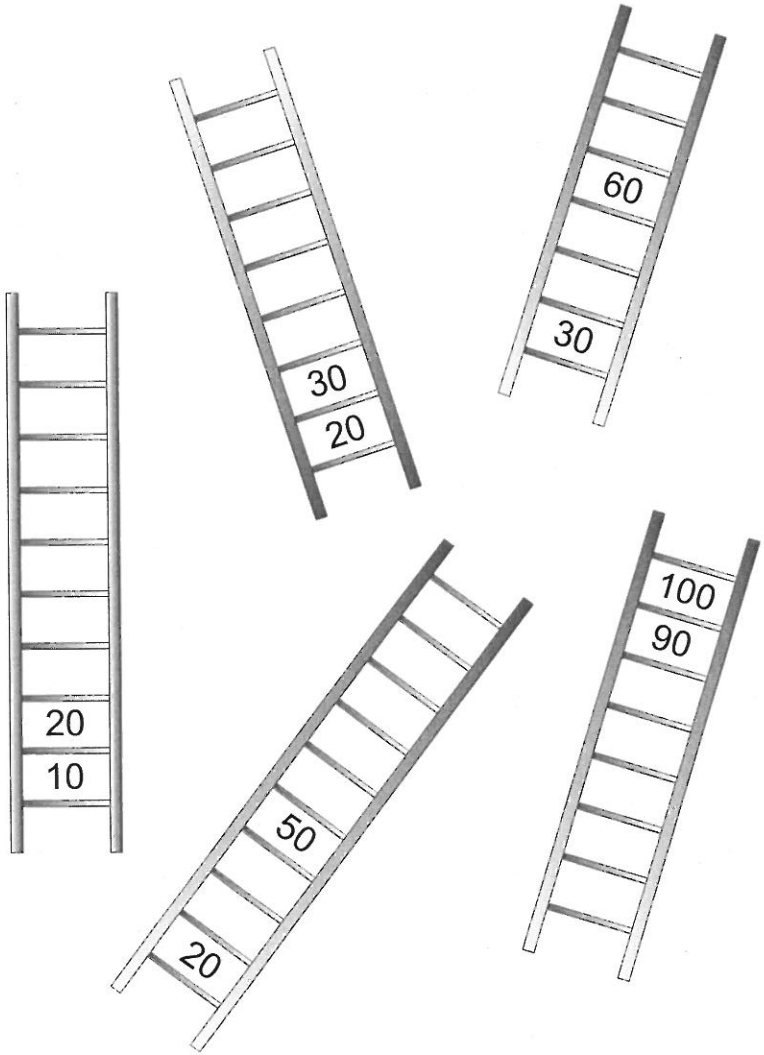


Mark the test paper

1. 10 x 6 = 60 ✓	**6.** 10 x 8 = 80
2. 10 x 7 = 77 ✗	**7.** 10 x 4 = 44
3. 10 x 5 = 55	**8.** 10 x 9 = 90
4. 10 x 3 = 30	**9.** 10 x 2 = 20
5. 10 x 10 = 100	**10.** 10 x 12 = 120

Use the multiples of 10.

Fill in the steps on each ladder.



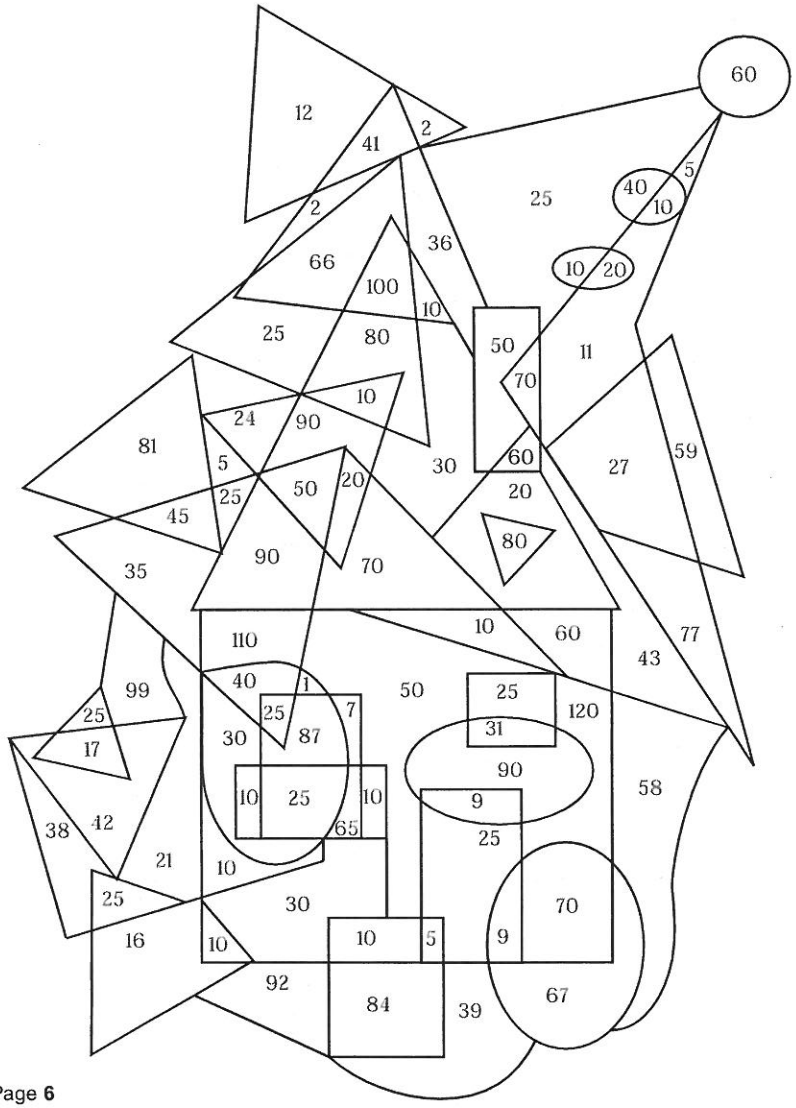
Complete the 10 times table.

10 x 1 = 10	10 x 7 = ☐
10 x 2 = 20	10 x 8 = ☐
10 x 3 = ☐	10 x 9 = ☐
10 x 4 = ☐	10 x 10 = ☐
10 x 5 = ☐	10 x 11 = ☐
10 x 6 = ☐	10 x 12 = ☐

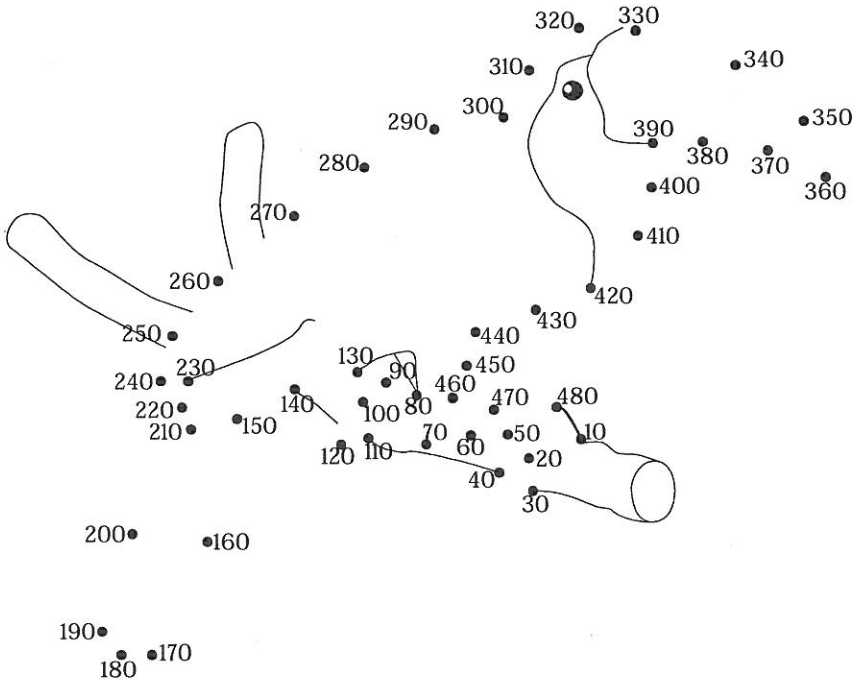
Shade all the multiples of 10.

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

Shade each region which is a multiple of 10.



Join up the multiples of 10 in order.



Smile Worksheet **2129**

Tens and Fives

Ten times table

1) Fill in the boxes.

3	x 10 →	30
5	x 10 →	
17	x 10 →	
234	x 10 →	
698	x 10 →	
57	x 10 →	

2) Now do four of your own.

	x 10 →	
	x 10 →	
	x 10 →	
	x 10 →	

3) Circle the numbers below that are in the ten times table?

233	340	200	2350	
6541	5666	678	99	

4) Write down three different large numbers in the ten times table.

_____ _____ _____

5) How can you tell if a number is in the ten times table?

_____

Turn over

Five times table

6) Fill in the boxes.

6	x 5 →	30
7	x 5 →	
13	x 5 →	
324	x 5 →	
798	x 5 →	
25	x 5 →	

7) Now do four of your own.

	x 5 →	
	x 5 →	
	x 5 →	
	x 5 →	

8) Circle the numbers below that are in the five times table?

750	6555	300	88	1365
	7942	244	696	

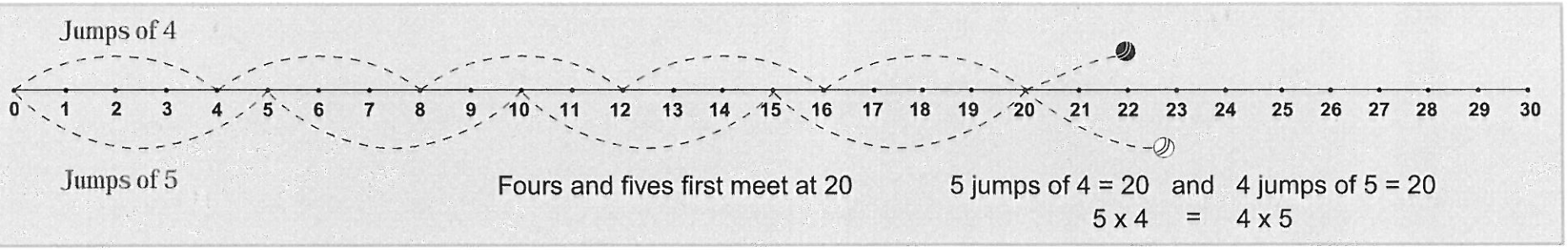
9) Write down three different large numbers in the five times table.

_____ _____ _____

10) How can you tell if a number is in the five times table?

_____

Jumps

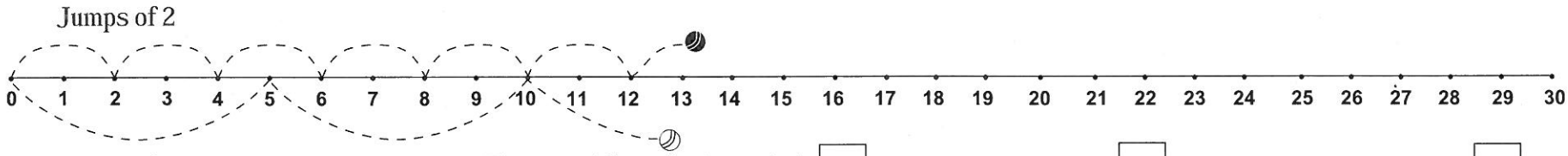


Fours and fives first meet at 20

5 jumps of 4 = 20 and 4 jumps of 5 = 20

5 x 4 = 4 x 5

1.

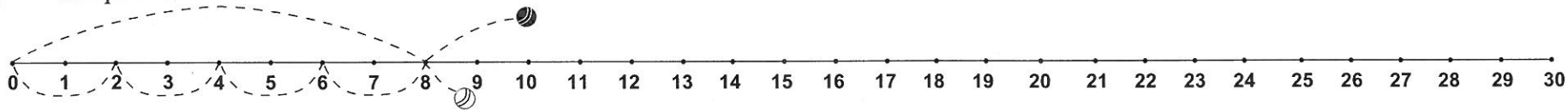


Twos and fives first meet at ☐

5 jumps of 2 = ☐ and 2 jumps of 5 = ☐

5 x 2 = 2 x

2.



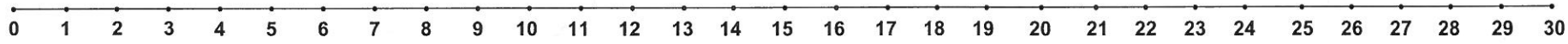
Twos and eights first meet at ☐

1 jump of 8 = ☐ and ☐ jumps of 2 = ☐

1 x ☐ = ☐ x 2

Use this number line to show that jumps of two and jumps of nine first meet at 18

3.



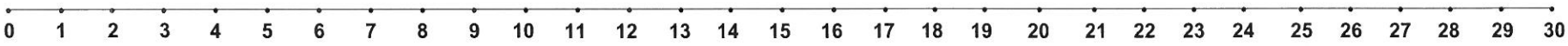
☐ jumps of 2 = 18 and ☐ jumps of 9 = 18

☐ x ☐ = ☐ x ☐

turn over

Use this number line to find out where jumps of 5 and jumps of 3 first meet.

4.

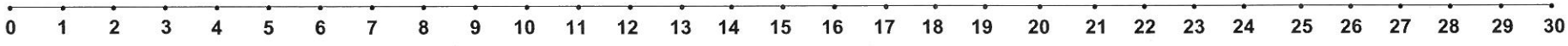


Fives and threes first meet at ☐ ☐ jumps of 5 = ☐ and ☐ jumps of 3 = ☐

☐ x ☐ = ☐ x ☐

Use this number line to show that 3 x 7 = 7 x 3

5.

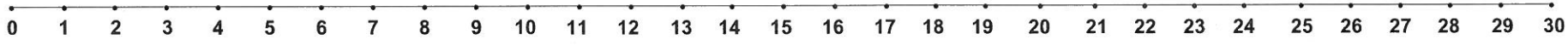


☐ jumps of ☐ = ☐ and ☐ jumps of ☐ = ☐

☐ x ☐ = ☐ x ☐

Try jumps of 6 and jumps of 3

6.

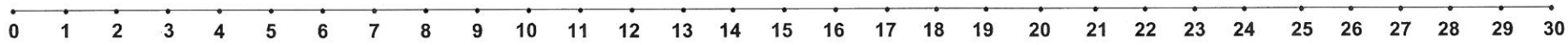


☐ jumps of ☐ = ☐ and ☐ jumps of ☐ = ☐

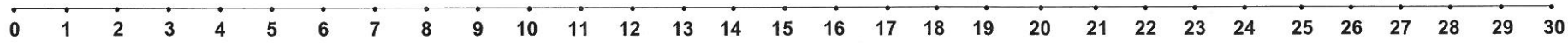
☐ x ☐ = ☐ x ☐

Try some more of your own. *If you choose large numbers, use a tape measure instead of these lines.*

7.



8.



Smile **1365**

NUMBER SNAP!

Use the cards to play Snap!

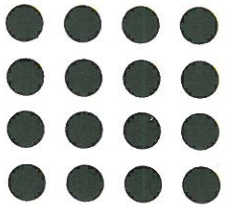
Teacher: cut along the dotted lines of the 3 sheets to make a set of 40 playing cards. Place in envelope 1365 'Number Snap!' 5 spares are provided.

20

16

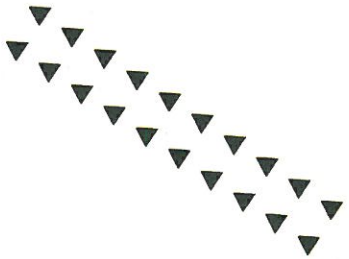
10

5×4



2×5

1×1



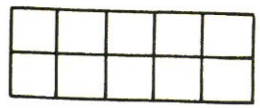
4+4
+4+4

20−10

5−4

2×10

2×8



Teacher: cut along the dotted lines of the 3 sheets to make a set of 40 playing cards. Place in envelope 1365 'Number Snap!' 5 spares are provided.

24

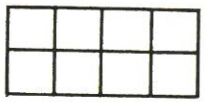
8

0

1

4+4

0×7



3×0

5–5

Teacher: cut along the dotted lines of the 3 sheets to make a set of 40 playing cards. Place in envelope 1365 'Number Snap!' 5 spares are provided.

6

12

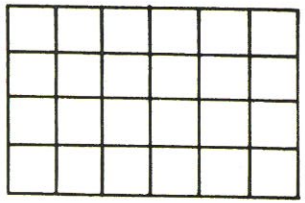
5+5+5

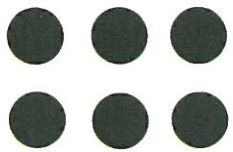
3×8

2×3

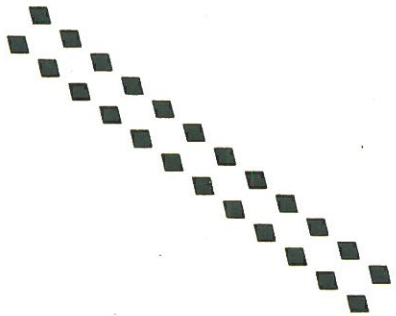
2+2+2
+2+2+2

15



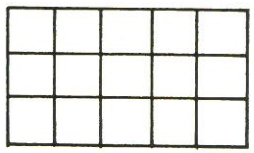


3×5



3×2

4×3



You should now know your 4 times table.

Try these questions to make sure.

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

When you have completed this booklet, ask your teacher to test you on your 4 times table.

I know my 4 times table.

Pupil's signature _____

Teacher's signature _____

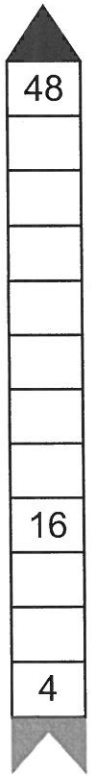
4 Times Table

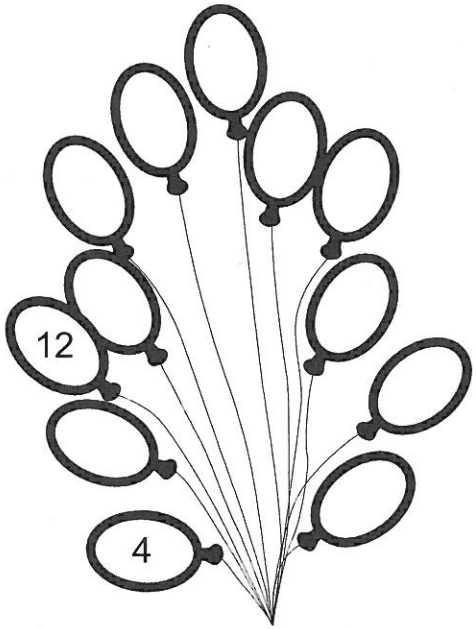
4

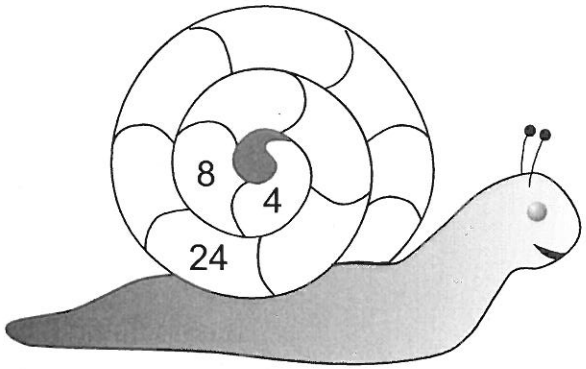
Times Table Booklet

Name _____

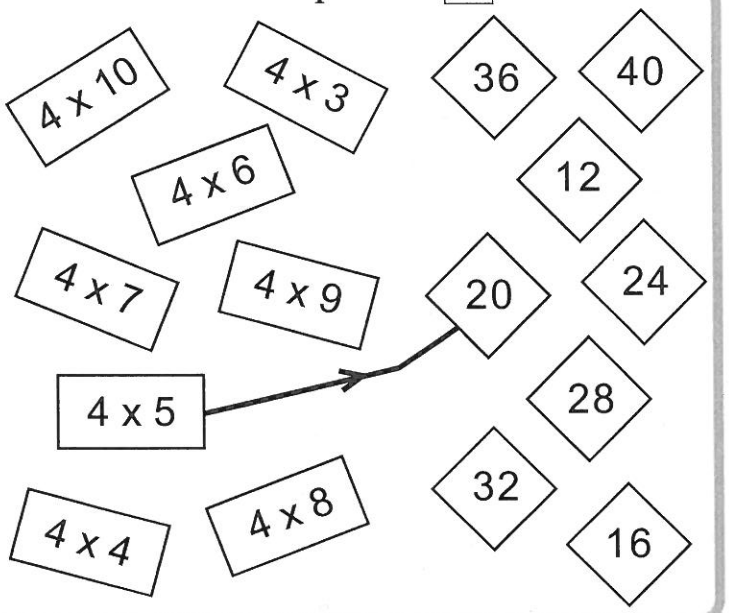
Continue the jumping in 4 's pattern.







Match the multiples of 4

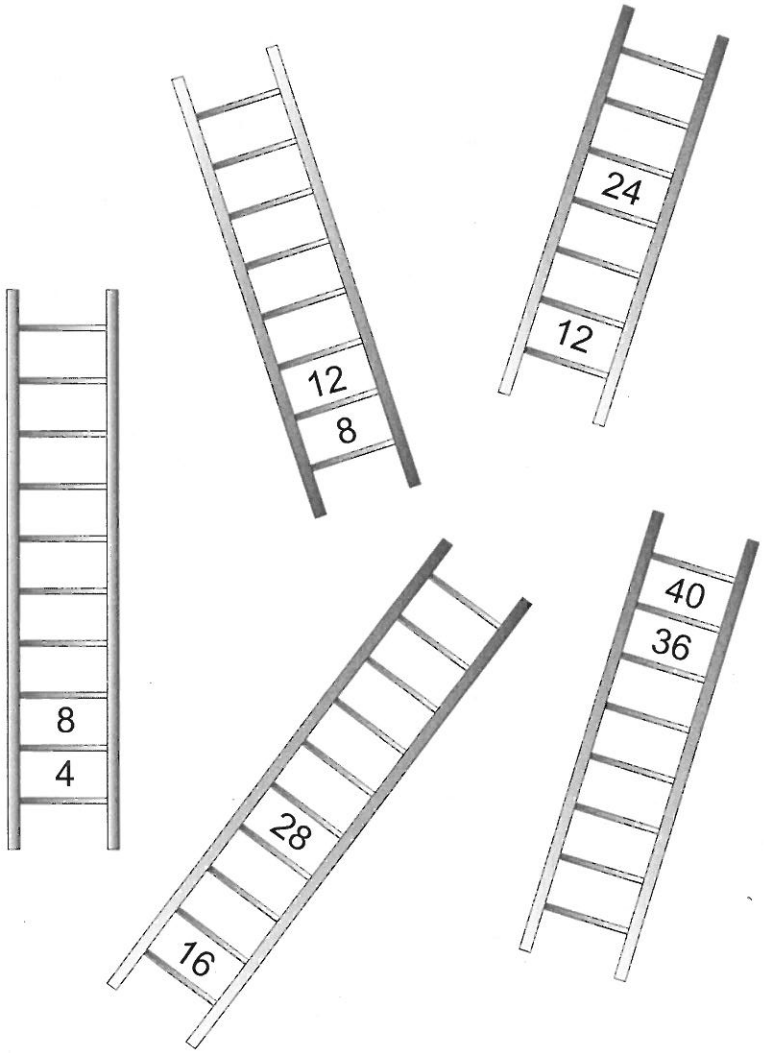


Mark the test paper

1. 4 x 6 = 24 ✓
2. 4 x 7 = 26 ✗
3. 4 x 5 = 20
4. 4 x 3 = 12
5. 4 x 10 = 40
6. 4 x 8 = 32
7. 4 x 4 = 16
8. 4 x 9 = 36
9. 4 x 2 = 8
10. 4 x 1 = 4

Use the multiples of 4.

Fill in the steps on each ladder.



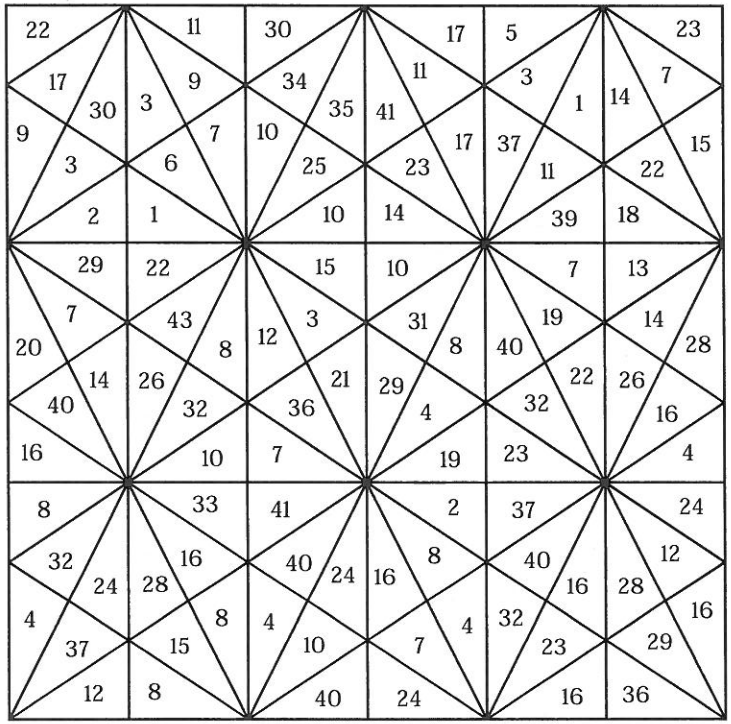
Complete the 4 times table.

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

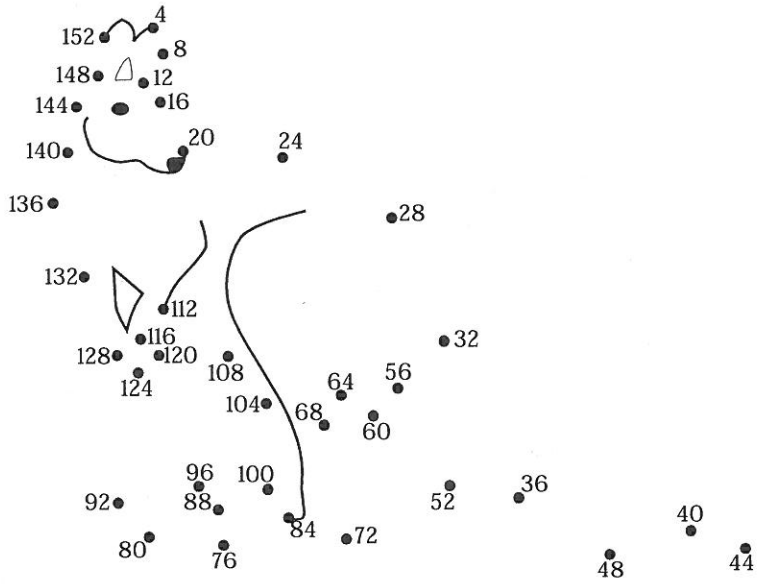
Shade all the multiples of 4.

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

Shade each region which is a multiple of 4 .



Join up the multiples of 4 in order.

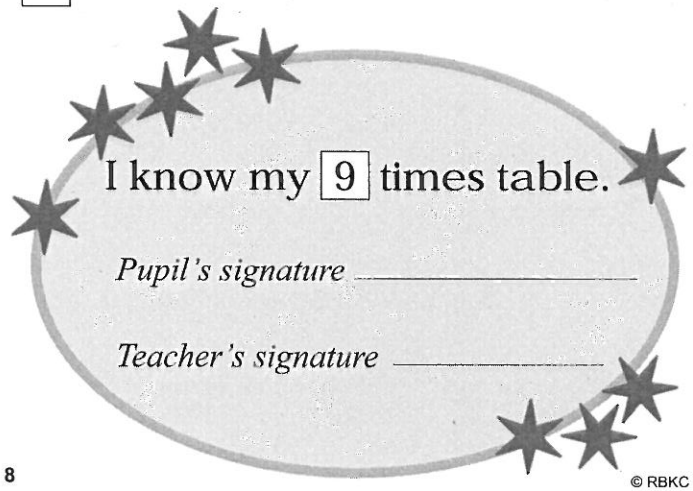


You should now know your 9 times table.

Try these questions to make sure.

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

When you have completed this booklet, ask your teacher to test you on your 9 times table.



9 Times Table

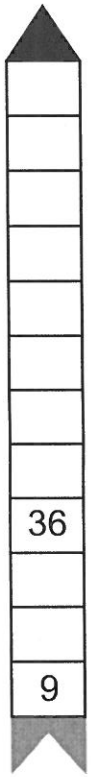
9

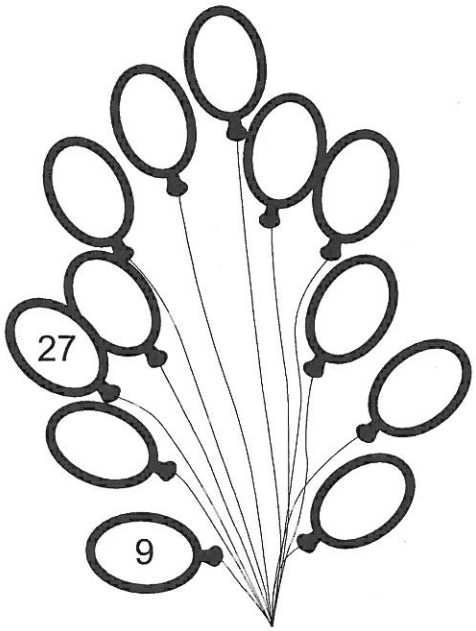
Times Table Booklet

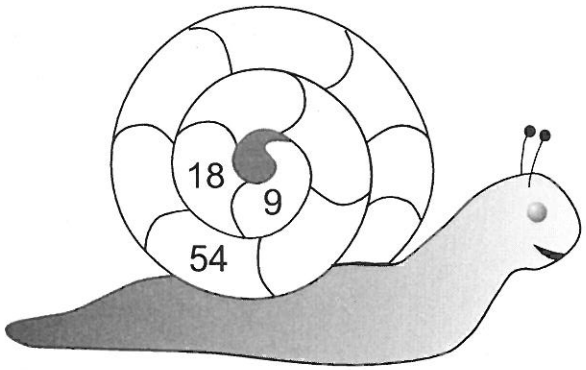
Name _____

Continue the jumping in 9 's pattern.

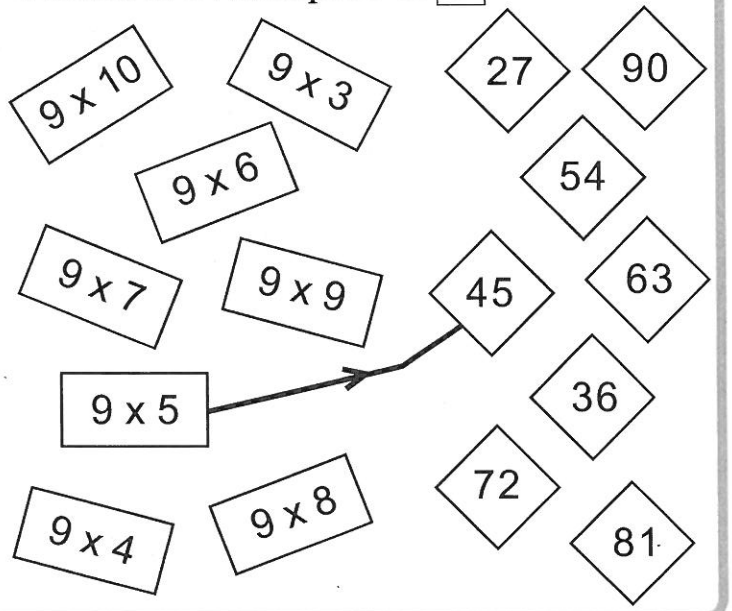
9 18 ○ ○ ○ ○ ○ ○ ○ ○







Match the multiples of 9

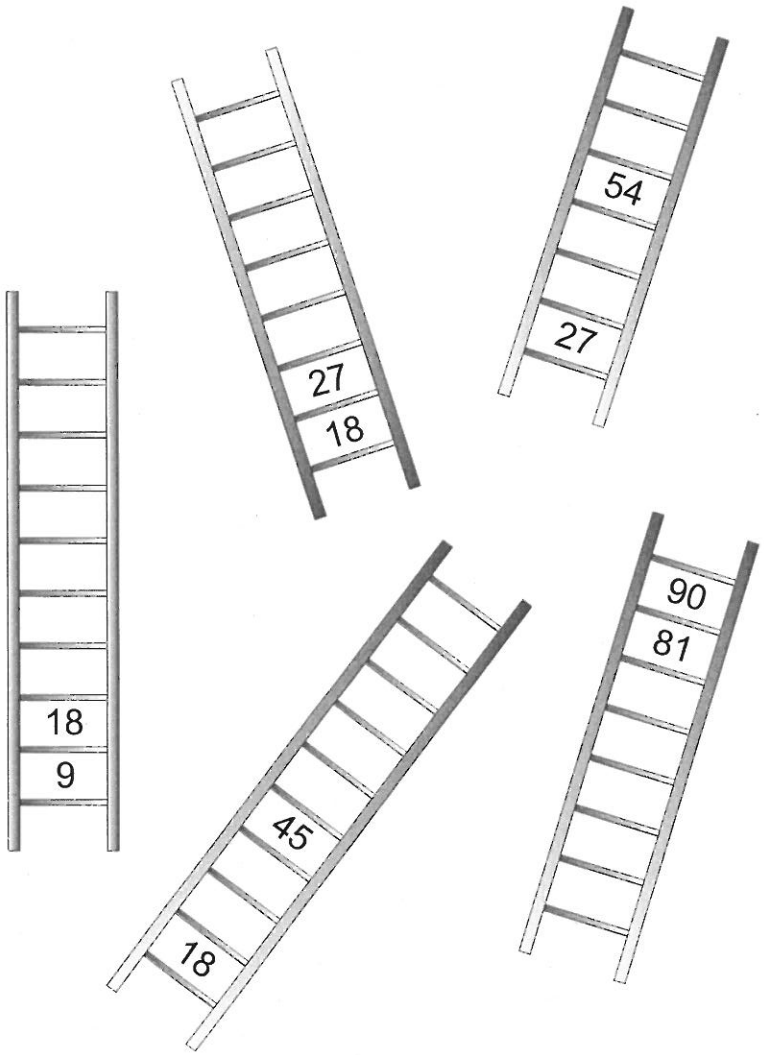


Mark the test paper

1. 9 x 7 = 63 ✓	**6**. 9 x 8 = 72
2. 9 x 6 = 44 ✗	**7**. 9 x 4 = 32
3. 9 x 5 = 45	**8**. 9 x 9 = 81
4. 9 x 3 = 28	**9**. 9 x 2 = 18
5. 9 x 10 = 90	**10**. 9 x 11 = 99

Use the multiples of 9 .

Fill in the steps on each ladder.



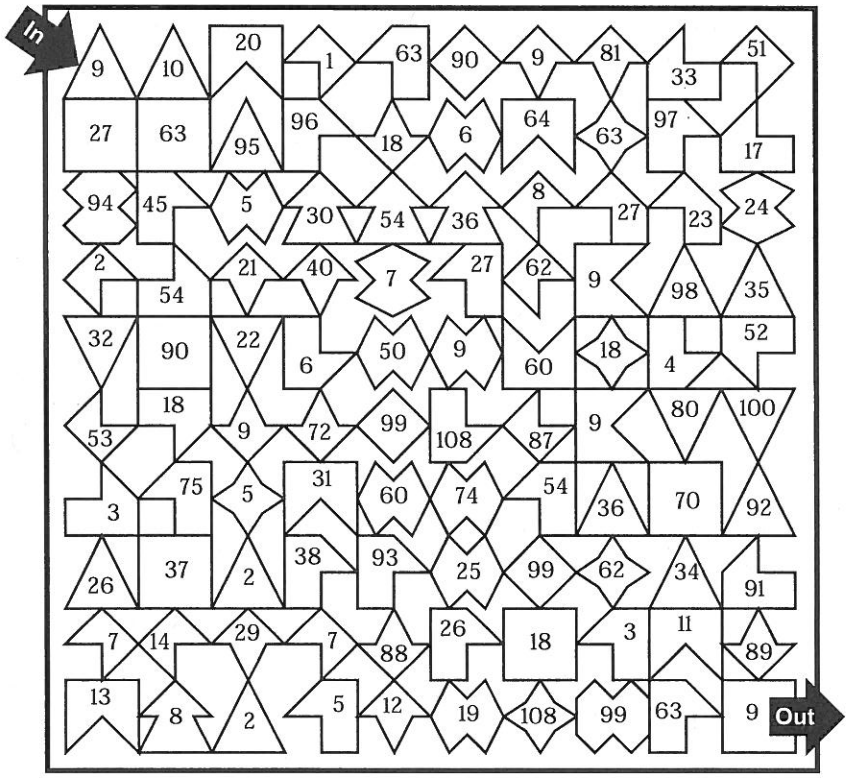
Complete the 9 times table.

9 x 1 = 9	9 x 7 =
9 x 2 = 18	9 x 8 =
9 x 3 =	9 x 9 =
9 x 4 =	9 x 10 =
9 x 5 =	9 x 11 =
9 x 6 =	9 x 12 =

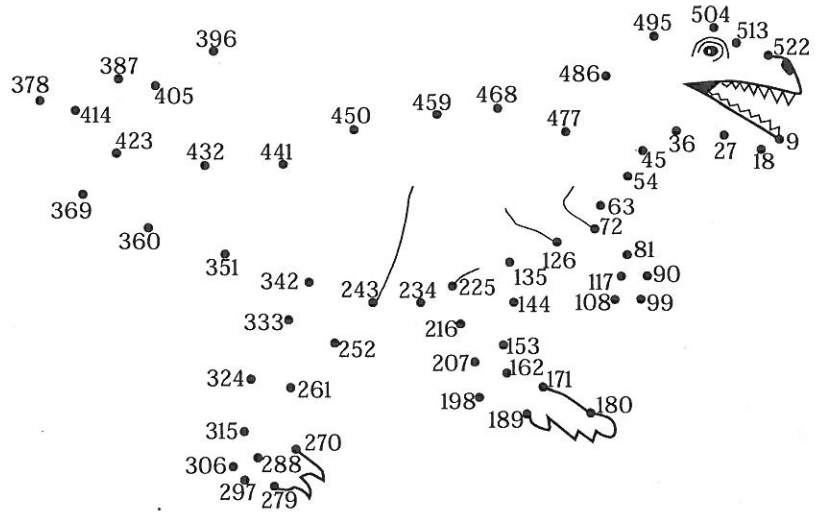
Shade all the multiples of 9 .

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

Shade each region which is a multiple of 9 .



Join up the multiples of 9 in order.

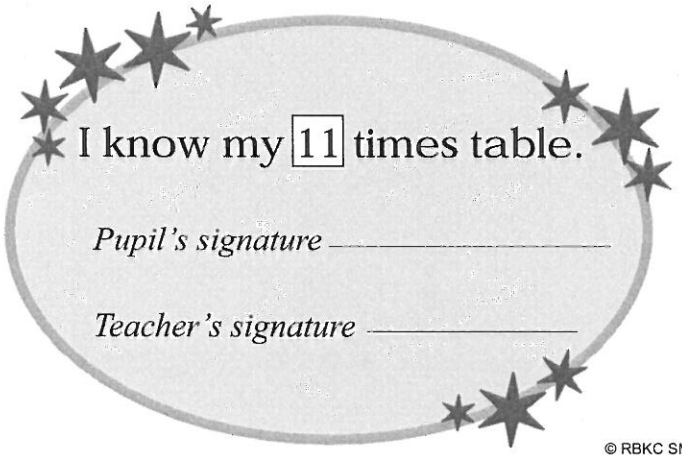


You should now know your 11 times table.

Try these questions to make sure.

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

When you have completed this booklet, ask your teacher to test you on your 11 times table.



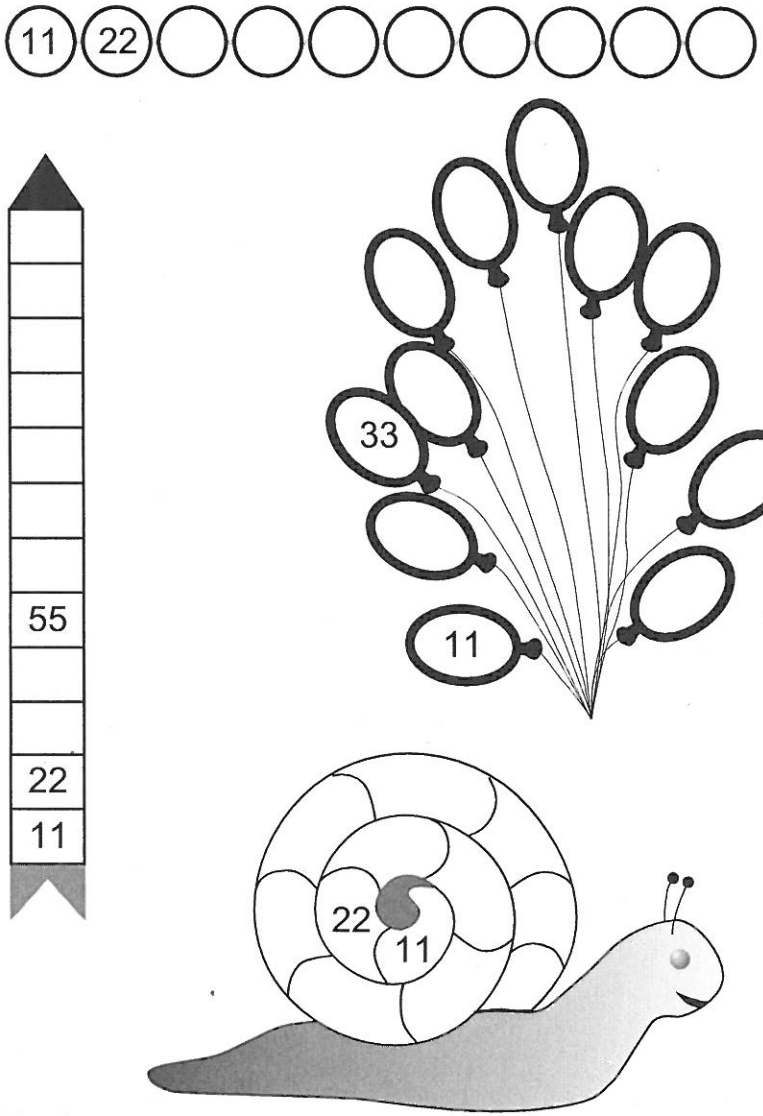
11 Times Table

11

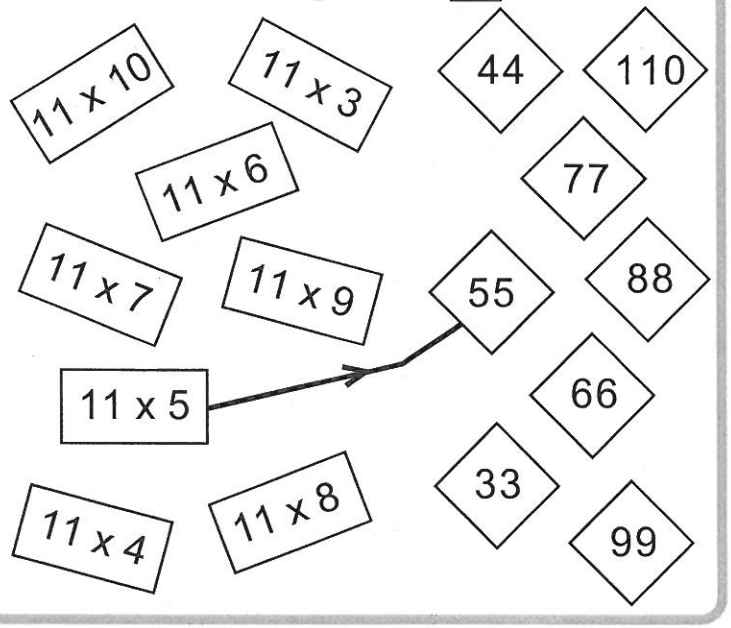
Times Table Booklet

Name _____

Continue the jumping in 11 's pattern.



Match the multiples of 11

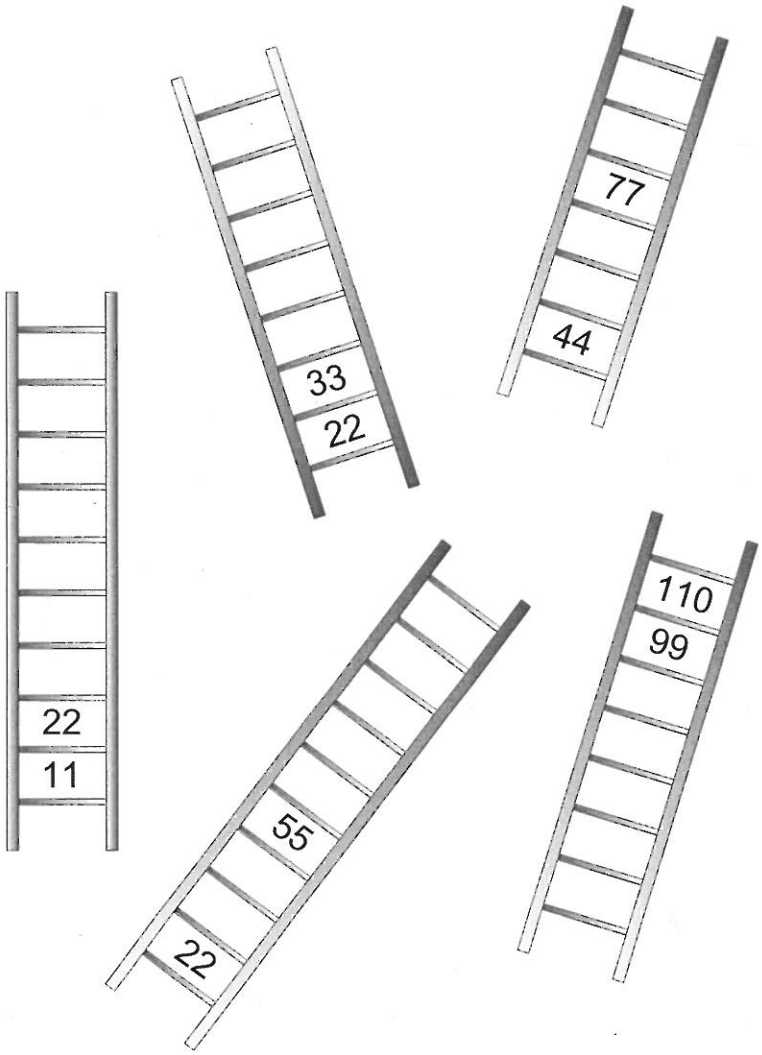


Mark the test paper

1. 11 x 6 = 66 ✓		**6.** 11 x 8 = 88	
2. 11 x 7 = 87 ✗		**7.** 11 x 4 = 41	
3. 11 x 5 = 55		**8.** 11 x 9 = 99	
4. 11 x 3 = 33		**9.** 11 x 2 = 20	
5. 11 x 10 = 111		**10.** 11 x 1 = 11	

Use the multiples of 11.

Fill in the steps on each ladder.



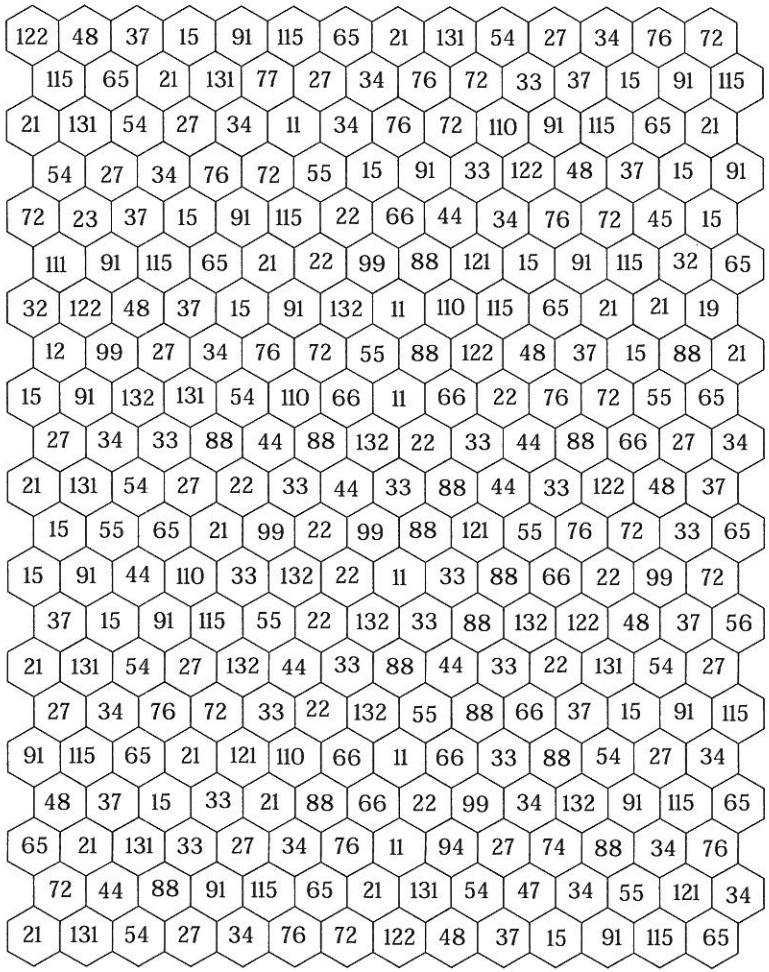
Complete the 11 times table.

11 x 1 = 11	11 x 7 = ☐
11 x 2 = 22	11 x 8 = ☐
11 x 3 = ☐	11 x 9 = ☐
11 x 4 = ☐	11 x 10 = ☐
11 x 5 = ☐	11 x 11 = ☐
11 x 6 = ☐	11 x 12 = ☐

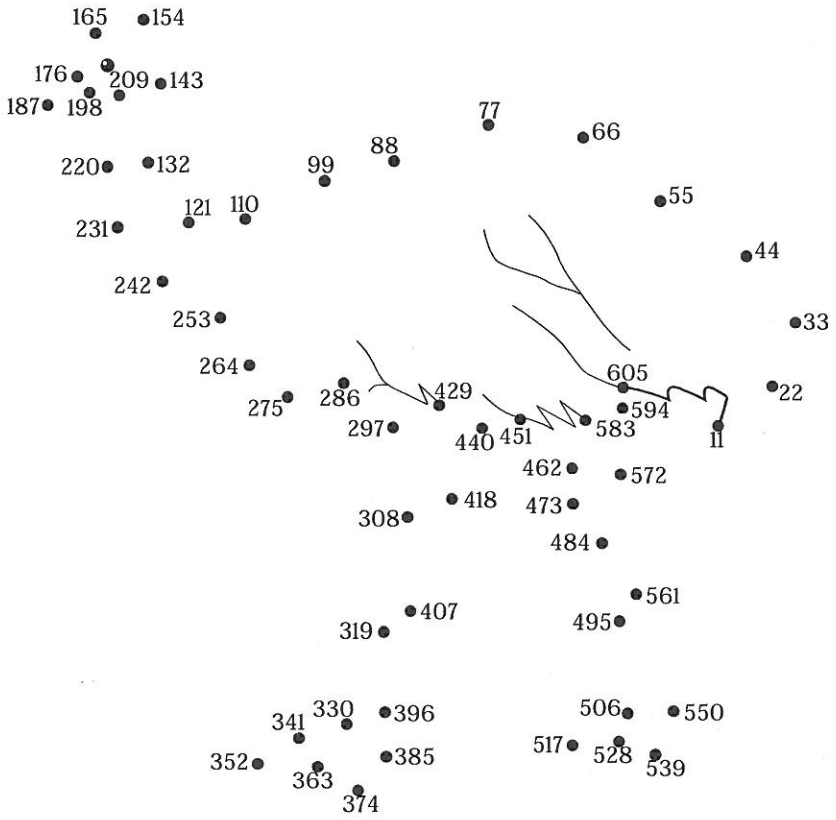
Shade all the multiples of 11.

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

Shade each region which is a multiple of 11.

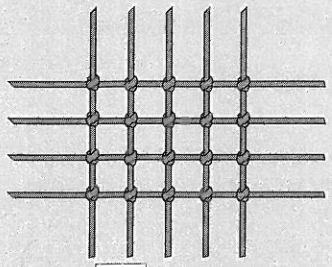


Join up the multiples of 11 in order.



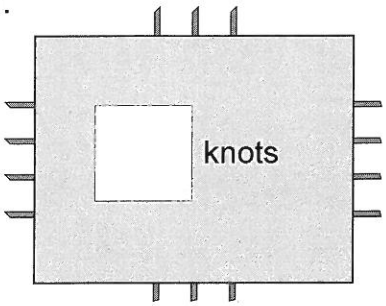
Smile Worksheet **0735**

Knots

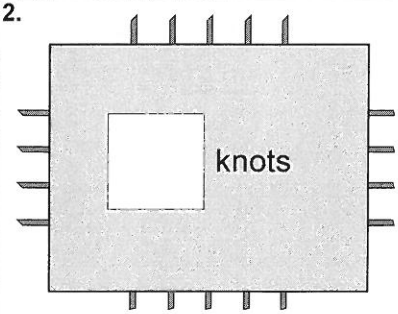


20 knots

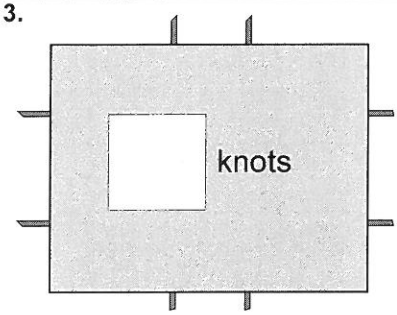
1.



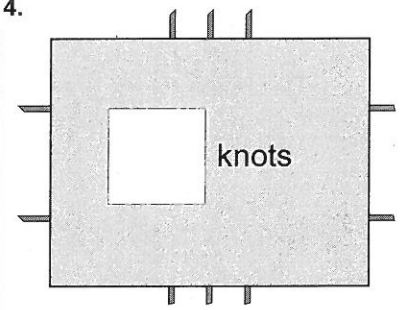
2.



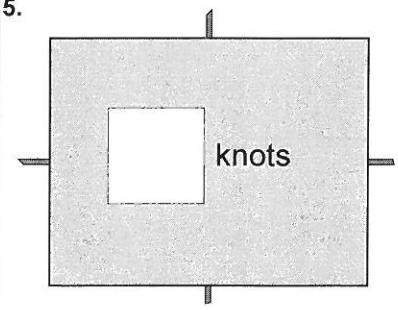
3.



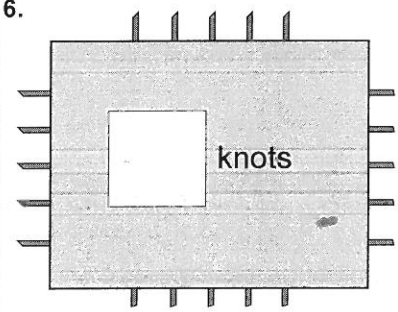
4.



5.



6.



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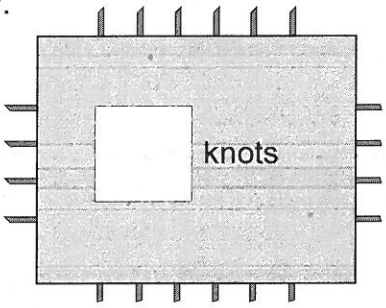

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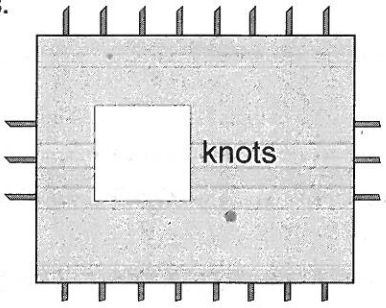

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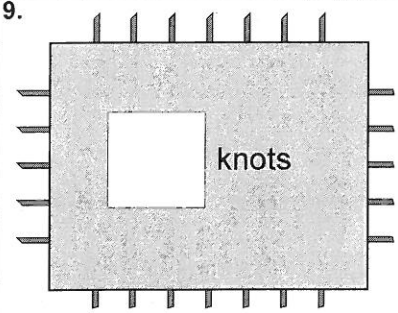

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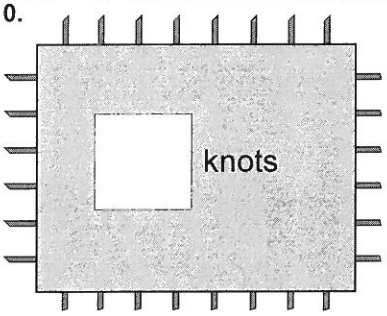

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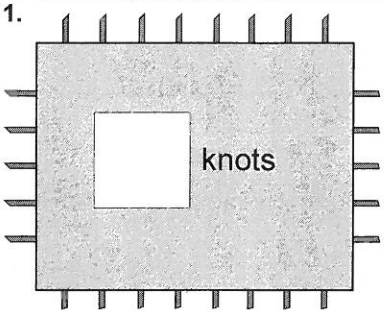

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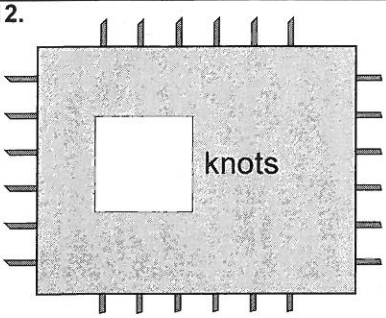

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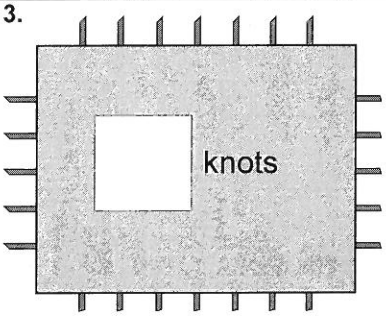

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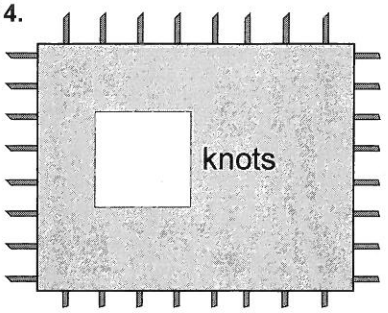
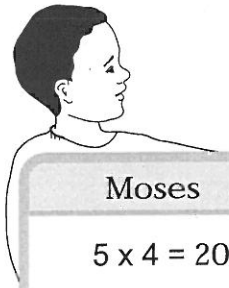


Quiz Times

Four students took part in a tables quiz.
Here are their answer sheets.
Mark them with a tick or cross.
Give each student a mark out of ten.
If the answer is wrong, correct it.


Do not use a calculator.



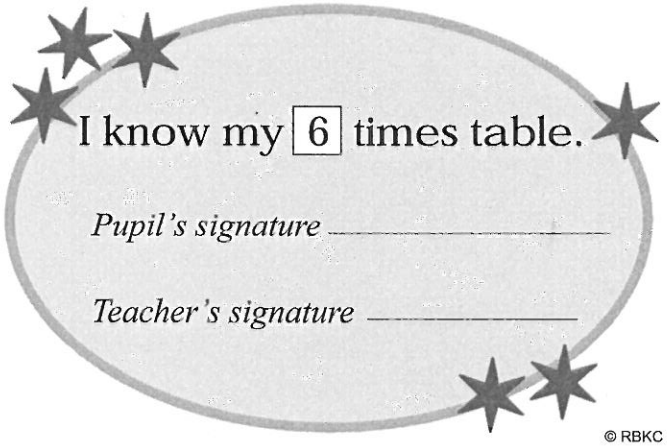
Moses	David	Aisha	Jay
5 x 4 = 20	5 x 6 = 30	7 x 4 = 25	5 x 5 = 25
5 x 3 = 15	2 x 8 = 16	4 x 3 = 12	3 x 7 = 21
7 x 5 = 30	4 x 8 = 32	8 x 5 = 40	6 x 9 = 54
2 x 8 = 16	9 x 3 = 27	6 x 2 = 12	4 x 12 = 48
4 x 7 = 22	4 x 4 = 16	9 x 4 = 36	8 x 3 = 24
5 x 9 = 44	6 x 7 = 42	5 x 7 = 35	10 x 7 = 70
10 x 6 = 59	9 x 4 = 36	6 x 11 = 63	8 x 8 = 64
3 x 6 = 18	7 x 3 = 21	7 x 8 = 56	2 x 11 = 22
6 x 6 = 36	9 x 9 = 64	3 x 6 = 21	4 x 9 = 36
4 x 12 = 46	11 x 4 = 44	6 x 0 = 6	0 x 11 = 0
/10	/10	/10	/10

You should now know your 6 times table.

Try these questions to make sure.

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

When you have completed this booklet, ask your teacher to test you on your 6 times table.



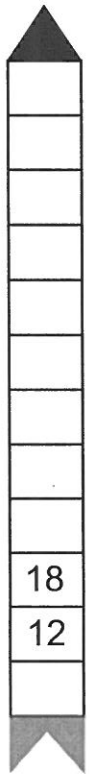
6 Times Table

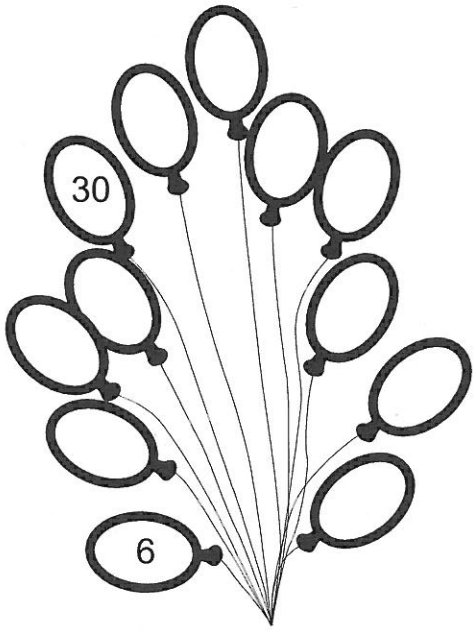
6

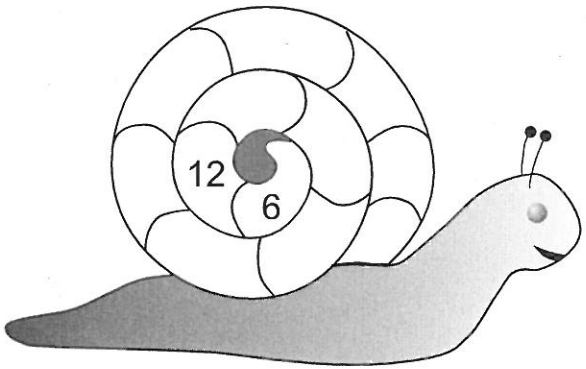
Times Table Booklet

Name _____

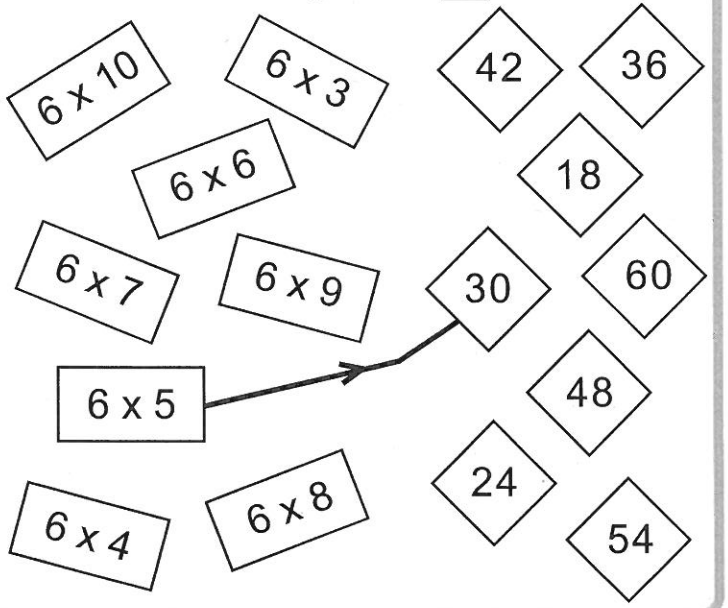
Continue the jumping in 6 's pattern.







Match the multiples of 6

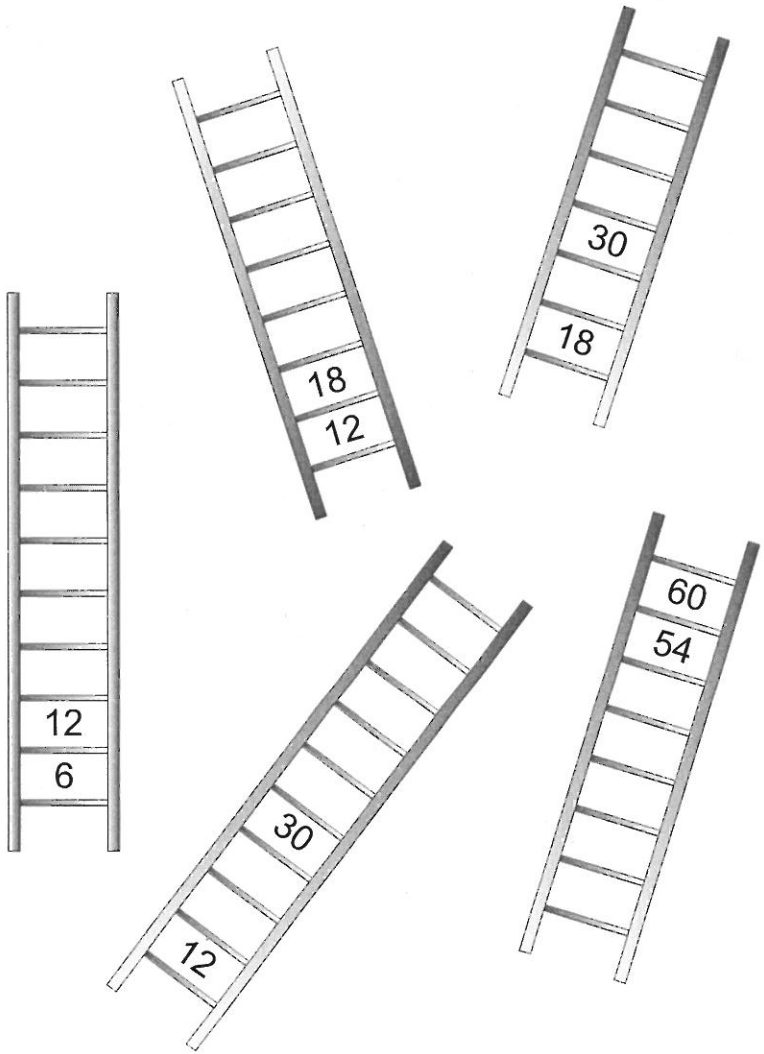


Mark the test paper

1. 6 x 6 = 36 ✓	**6**. 6 x 8 = 48
2. 6 x 7 = 58 ✗	**7**. 6 x 4 = 28
3. 6 x 5 = 30	**8**. 6 x 9 = 54
4. 6 x 3 = 16	**9**. 6 x 2 = 12
5. 6 x 10 = 60	**10**. 6 x 12 = 72

Use the multiples of 6 .

Fill in the steps on each ladder.



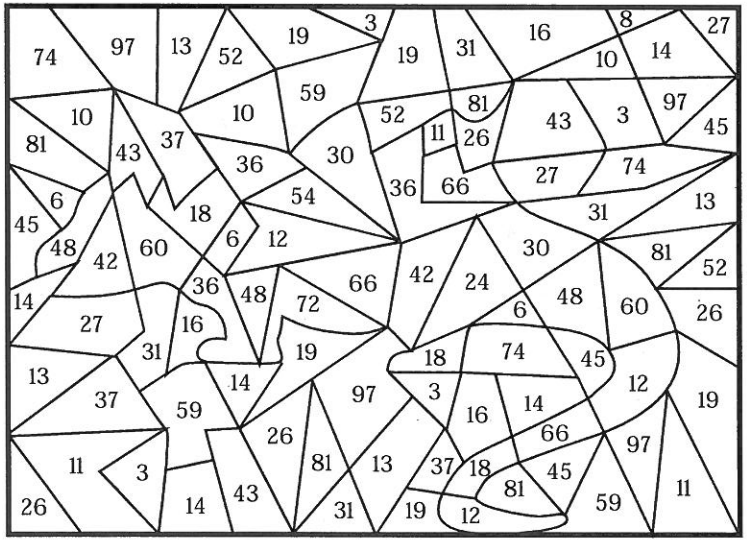
Complete the 6 times table.

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

Shade all the multiples of 6 .

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

Shade each region which is a multiple of 6 .



Join up the multiples of 6 in order.