

0 x 0 =	
1 x 0 =	

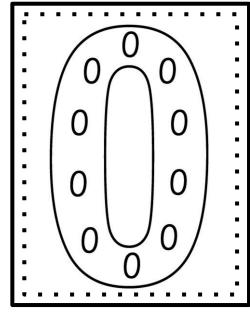
$$3 \times 0 =$$

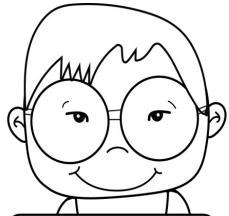
$$6 \times 0 =$$

$$7 \times 0 =$$

$$8 \times 0 =$$

$$9 \times 0 =$$





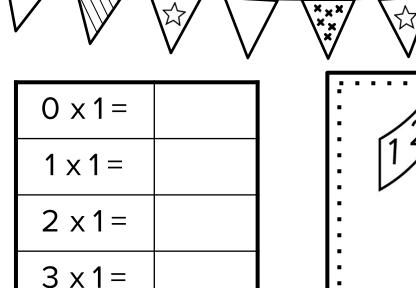
Tips for x 0

o times any number is always 0.

$$0 \times 3 = 0$$
 $53 \times 0 = 0$



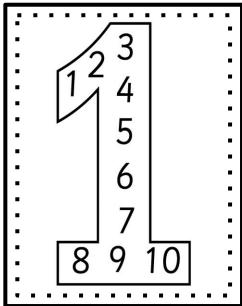




4	X	1	=
	Λ		

$$7 \times 1 =$$

$$8 \times 1 =$$

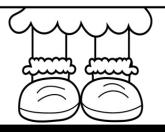




 $\}$ 1 times any number $\}$ is that number.

1x6=6

33x1=33

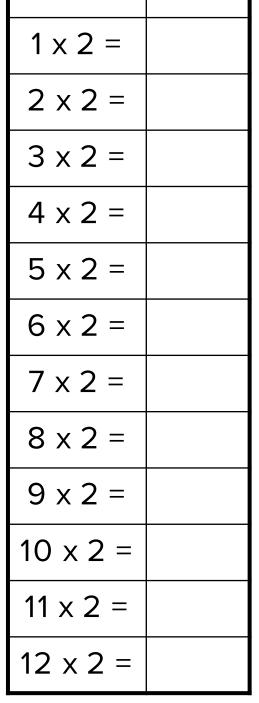


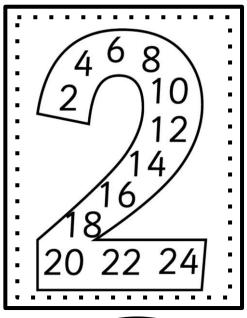


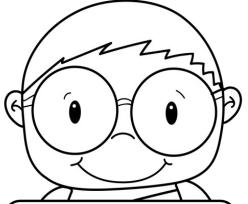


	-
0 x 2 =	
1 x 2 =	
2 x 2 =	
3 x 2 =	
4 x 2 =	
5 x 2 =	
6 x 2 =	
7 x 2 =	
8 x 2 =	
0 0	

$0 \times 2 =$
1 x 2 =
2 x 2 =
3 x 2 =
4 x 2 =
5 x 2 =
6 x 2 =
7 x 2 =
8 x 2 =
9 x 2 =
10 x 2 =
11 x 2 =
12 x 2 =







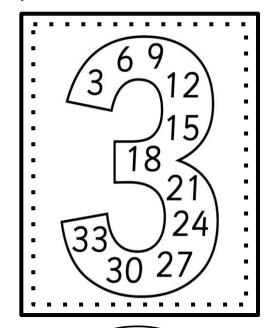
Tips for x 2 Double or the other factor plus the factor again.

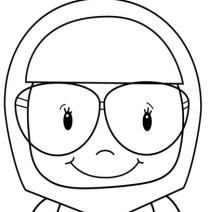






0 x 3 =	
1 x 3 =	
2 x 3 =	
3 x 3 =	
4 x 3 =	
5 x 3 =	
6 x 3 =	
7 x 3 =	
8 x 3 =	
9 x 3 =	
10 x 3 =	
11 x 3 =	
12 x 3 =	





Tips for x 3 Double the other factor and then add it in one more time.

 $7 \times 3 = 21$ Double 7 makes 14, then add 7 more to make 21







0 x 4 =	
1 × 4 =	

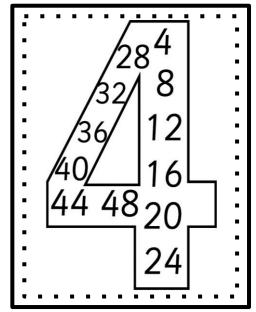
$$6 \times 4 =$$

$$7 \times 4 =$$

$$8 \times 4 =$$

$$11 \times 4 =$$

$$12 \times 4 =$$





Tips for x 4

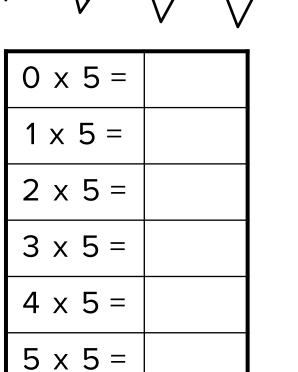
Double and double again.

 $8 \times 4 = 32$ Double 8 and that makes 16.

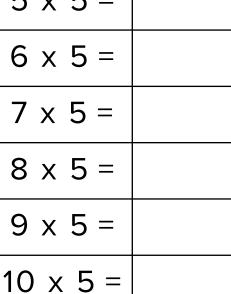
Double 16 to get 32







	I• 1	15 10 5 20 25 30 35 40 55 45
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12 x 5 =

11 x 5 =





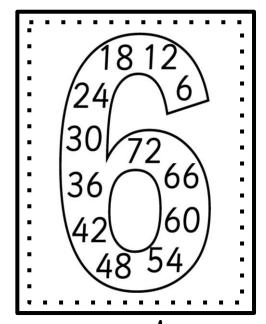


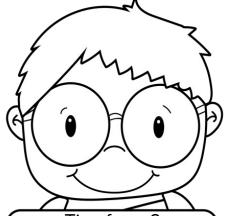
0 x 6 =	
1 x 6 =	

$$3 \times 6 =$$

$$6 \times 6 =$$

$$7 \times 6 =$$





Tips for x 6

Multiply by 5 and then add one more group.

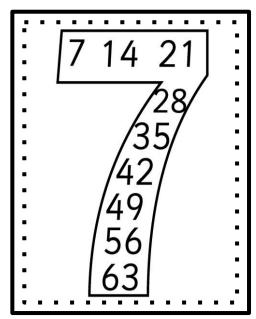
 $6 \times 4 = 24$ $4 \times 5 = 20$ add 4 more to get 24

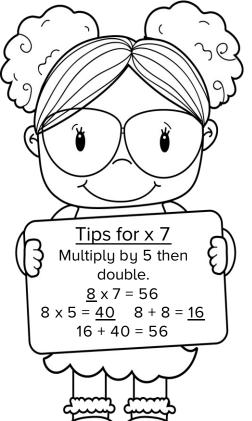






0 x 7 =	
1 x 7 =	
2 x 7 =	
3 x 7 =	
4 x 7 =	
5 x 7 =	
6 x 7 =	
7 x 7 =	
8 x 7 =	
9 x 7 =	
10 x 7 =	
11 x 7 =	
12 x 7 =	









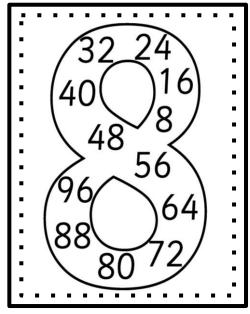
0 x 8 =	
1 x 8 =	
2 x 8 =	
3 x 8 =	

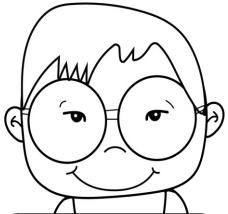
4	X	8	=

$$6 \times 8 =$$

$$7 \times 8 =$$

$$8 \times 8 =$$





Tips for x 8

Double, double and double.

<u>3</u> x 8 = 24 3 x 2 = 6 6 x 2 = 12 12 x 2 = 24







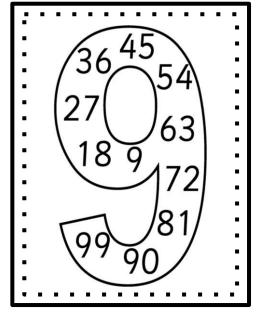
0 x 9 =	
1 x 9 =	
2 x 9 =	

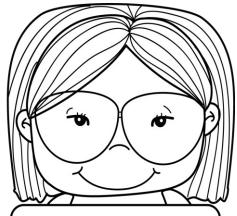
$$4 \times 9 =$$

$$6 \times 9 =$$

$$7 \times 9 =$$

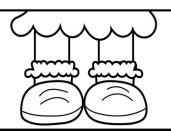
$$8 \times 9 =$$





Tips for x 9

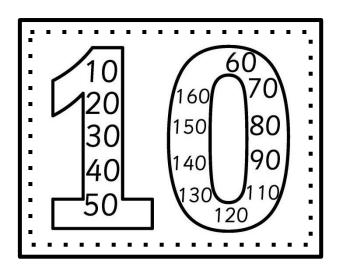
Multiply by 10 then subtract the other factor.

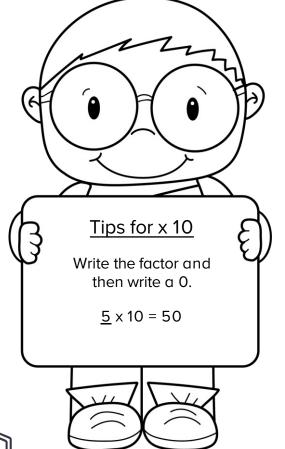






1 x 10 =	
2 x 10 =	
3 x 10 =	
4 x 10 =	
5 x 10 =	
6 x 10 =	
7 x 10 =	
8 x 10 =	
10 x 9 =	
10 x 10 =	
11 x 10 =	
12 × 10 =	





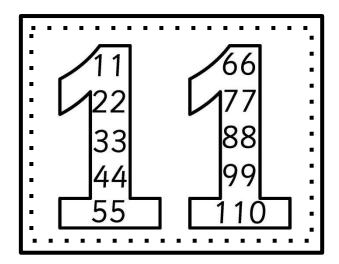


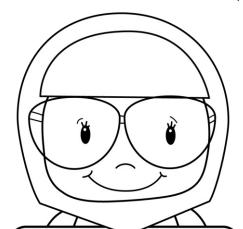
Il Times Tables



0 x 11 =	
1 x 11 =	
2 x 11 =	
3 x 11 =	
4 × 11 =	

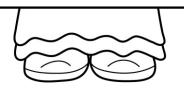
5	X	11	=	





Tips for x 11 For multiples up to 9 repeat the other factor.

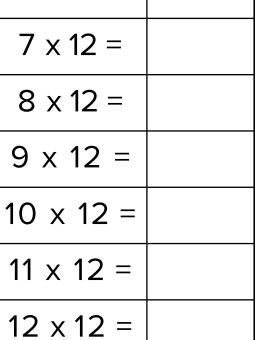
For multiples over 9 times by 10 then add another group.

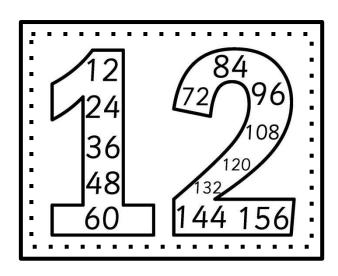






	_
0 x 12 =	
1 x 12 =	
2 x 12 =	
3 x 12 =	
4 x 12 =	
5 x 12 =	
6 x 12 =	
7 x 12 =	
8 x 12 =	





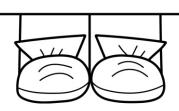


Tips for x 12

Multiply by 6 and then double the answer.

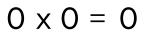
$$\underline{4} \times 12 = 48$$

 $\underline{4} \times 6 = 24$ $24 \times 2 = 48$









$$1 \times 0 = 0$$

$$2 \times 0 = 0$$

$$3 \times 0 = 0$$

$$4 \times 0 = 0$$

$$5 \times 0 = 0$$

$$6 \times 0 = 0$$

$$7 \times 0 = 0$$

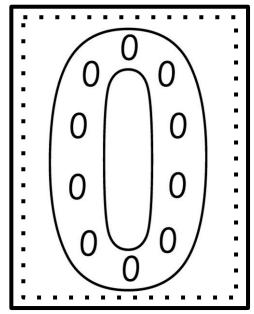
$$8 \times 0 = 0$$

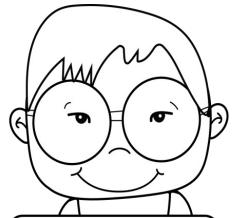
$$9 \times 0 = 0$$

$$10 \times 0 = 0$$

$$11 \times 0 = 0$$

$$12 \times 0 = 0$$





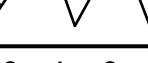
 $\frac{\text{Tips for x 0}}{}$

30 times any number is always 0.

$$0 \times 3 = 0$$
 $53 \times 0 = 0$







$$1 \times 1 = 1$$

$$2 \times 1 = 2$$

$$3 \times 1 = 3$$

$$4 \times 1 = 4$$

$$5 \times 1 = 5$$

$$6 \times 1 = 6$$

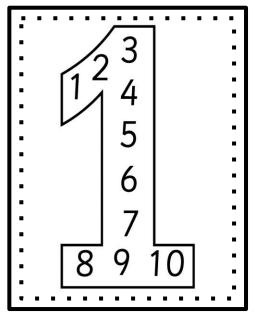
$$7 \times 1 = 7$$

$$8 \times 1 = 8$$

$$9 \times 1 = 9$$

$$10 \times 1 = 10$$

$$11 \times 1 = 11$$

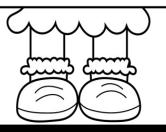






3 1 times any number is that number.

1x6=6 33x1=33







$$0 \times 2 = 0$$

$$1 \times 2 = 2$$

$$2 \times 2 = 4$$

$$3 \times 2 = 6$$

$$4 \times 2 = 8$$

$$5 \times 2 = 10$$

$$6 \times 2 = 12$$

$$7 \times 2 = 14$$

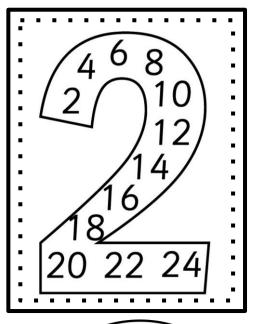
$$8 \times 2 = 16$$

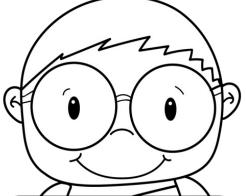
$$9 \times 2 = 18$$

$$10 \times 2 = 20$$

$$11 \times 2 = 22$$

$$12 \times 2 = 24$$





Tips for x 2

Double or the other factor plus the factor again.







0 x	3 =	O
-----	-----	----------

$$1 \times 3 = 3$$

$$2 \times 3 = 6$$

$$3 \times 3 = 9$$

$$4 \times 3 = 12$$

$$5 \times 3 = 15$$

$$6 \times 3 = 18$$

$$7 \times 3 = 21$$

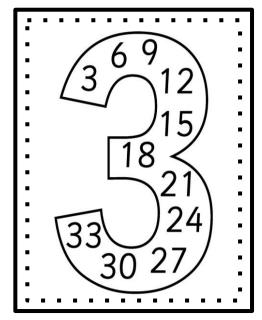
$$8 \times 3 = 24$$

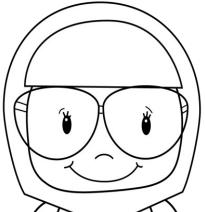
$$9 \times 3 = 27$$

$$10 \times 3 = 30$$

$$11 \times 3 = 33$$

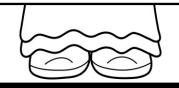
$$12 \times 3 = 36$$





Tips for x 3 Double the other factor and then add it in one more time.

 $7 \times 3 = 21$ Double 7 makes 14, then add 7 more to make 21







0	Χ	4	=	0
---	---	---	---	---

$$1 \times 4 = 4$$

$$2 \times 4 = 8$$

$$3 \times 4 = 12$$

$$4 \times 4 = 16$$

$$5 \times 4 = 20$$

$$6 \times 4 = 24$$

$$7 \times 4 = 28$$

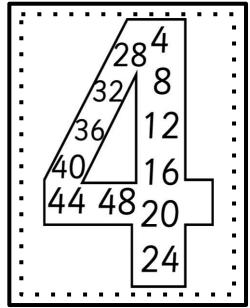
$$8 \times 4 = 32$$

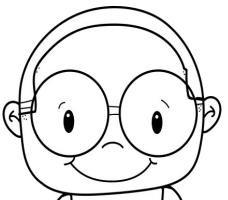
$$9 \times 4 = 36$$

$$10 \times 4 = 40$$

$$11 \times 4 = 44$$

$$12 \times 4 = 48$$





Tips for x 4

Double and double again.

 $8 \times 4 = 32$ Double 8 and that makes 16.

Double 16 to get 32









$$1 \times 5 = 5$$

$$2 \times 5 = 10$$

$$3 \times 5 = 15$$

$$4 \times 5 = 20$$

$$5 \times 5 = 25$$

$$6 \times 5 = 30$$

$$7 \times 5 = 35$$

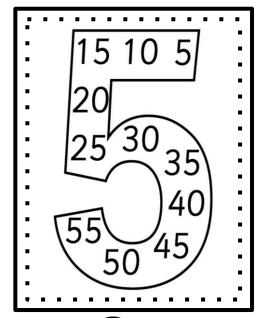
$$8 \times 5 = 40$$

$$9 \times 5 = 45$$

$$10 \times 5 = 50$$

$$11 \times 5 = 55$$

$$12 \times 5 = 60$$



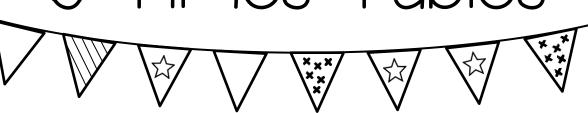


Tips for x 5

Skip count by 5's, you can always use your hands.







0	Χ	6	=	0
_		_		_

$$1 \times 6 = 6$$

$$2 \times 6 = 12$$

$$3 \times 6 = 18$$

$$4 \times 6 = 24$$

$$5 \times 6 = 30$$

$$6 \times 6 = 36$$

$$7 \times 6 = 42$$

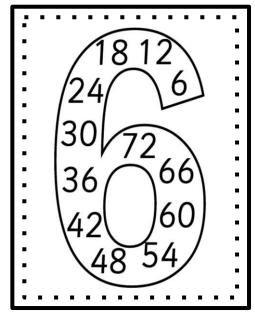
$$8 \times 6 = 48$$

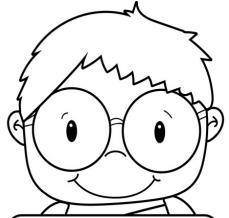
$$9 \times 6 = 54$$

$$10 \times 6 = 60$$

$$11 \times 6 = 66$$

$$12 \times 6 = 72$$





Tips for x 6

Multiply by 5 and then add one more group.

$$6 \times 4 = 24$$

 $4 \times 5 = 20$ add 4 more to get 24







0	Χ	7	=	0

$$1 \times 7 = 7$$

$$2 \times 7 = 14$$

$$3 \times 7 = 21$$

$$4 \times 7 = 28$$

$$5 \times 7 = 35$$

$$6 \times 7 = 42$$

$$7 \times 7 = 49$$

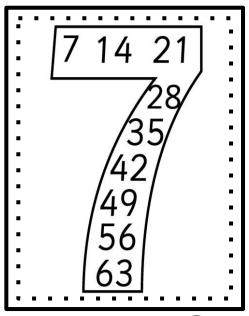
$$8 \times 7 = 56$$

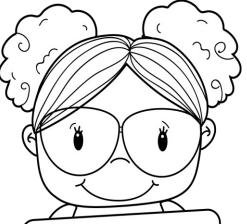
$$9 \times 7 = 63$$

$$10 \times 7 = 70$$

$$11 \times 7 = 77$$

$$12 \times 7 = 84$$

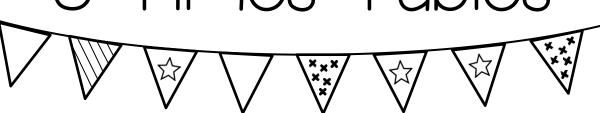




Tips for x 7

Multiply by 5 then double. $8 \times 7 = 56$ $8 \times 5 = 40$ 8 + 8 = 16 16 + 40 = 56





0	Χ	8	=	0

$$1 \times 8 = 8$$

$$2 \times 8 = 16$$

$$3 \times 8 = 24$$

$$4 \times 8 = 32$$

$$5 \times 8 = 40$$

$$6 \times 8 = 48$$

$$7 \times 8 = 56$$

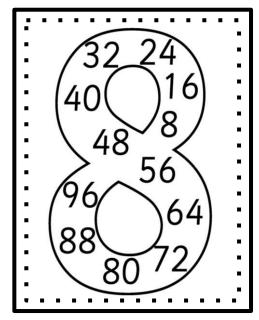
$$8 \times 8 = 64$$

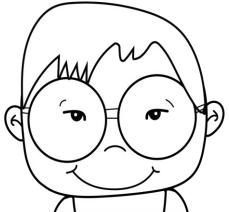
$$9 \times 8 = 72$$

$$10 \times 8 = 80$$

$$11 \times 8 = 88$$

$$12 \times 8 = 96$$





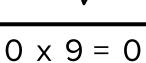
Tips for x 8

Double, double and double.









$$1 \times 9 = 9$$

$$2 \times 9 = 18$$

$$3 \times 9 = 27$$

$$4 \times 9 = 36$$

$$5 \times 9 = 45$$

$$6 \times 9 = 54$$

$$7 \times 9 = 63$$

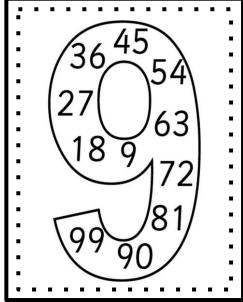
$$8 \times 9 = 72$$

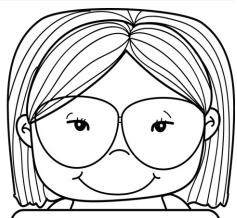
$$9 \times 9 = 81$$

$$10 \times 9 = 90$$

$$11 \times 9 = 99$$

$$12 \times 9 = 108$$



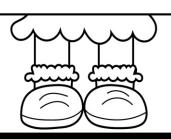


Tips for x 9

Multiply by 10 then subtract the other factor.

$$6 \times 9 = 54$$

 $6 \times 10 = 60$ $60 - 6 = 54$







$$0 \times 10 = 0$$

$$1 \times 10 = 10$$

$$2 \times 10 = 20$$

$$3 \times 10 = 30$$

$$4 \times 10 = 40$$

$$5 \times 10 = 50$$

$$6 \times 10 = 60$$

$$7 \times 10 = 70$$

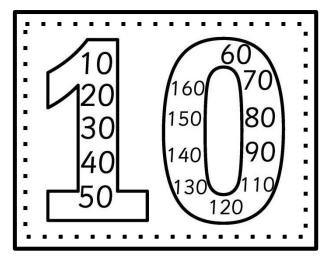
$$8 \times 10 = 80$$

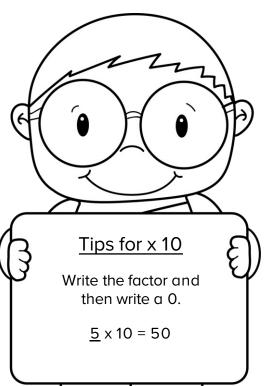
$$10 \times 9 = 90$$

$$10 \times 10 = 100$$

$$11 \times 10 = 110$$

$$12 \times 10 = 120$$







Il Times Tables



$$0 \times 11 = 0$$

$$1 \times 11 = 11$$

$$2 \times 11 = 22$$

$$3 \times 11 = 33$$

$$4 \times 11 = 44$$

$$5 \times 11 = 55$$

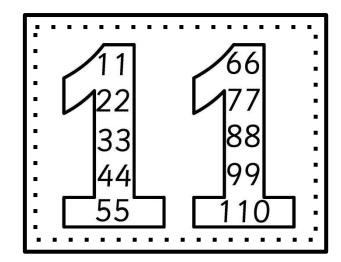
$$6 \times 11 = 66$$

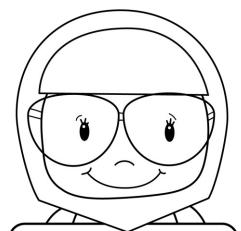
$$7 \times 11 = 77$$

$$9 \times 11 = 99$$

$$10 \times 11 = 110$$

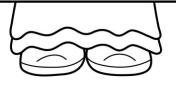
$$11 \times 11 = 121$$





Tips for x 11 For multiples up to 9 repeat the other factor.

For multiples over 9 times by 10 then add another group.







$$0 \times 12 = 0$$

$$1 \times 12 = 12$$

$$2 \times 12 = 24$$

$$3 \times 12 = 36$$

$$4 \times 12 = 48$$

$$5 \times 12 = 60$$

$$6 \times 12 = 72$$

$$7 \times 12 = 84$$

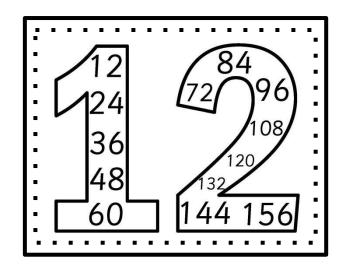
$$8 \times 12 = 96$$

$$9 \times 12 = 108$$

$$10 \times 12 = 120$$

$$11 \times 12 = 132$$

$$12 \times 12 = 144$$





Tips for x 12

Multiply by 6 and then double the answer.

