

KENDRIYA VIDYALAYA , GANDHIGRAM, DINDIGUL

NOTES

CLASS: III

SUB: MATHEMATICS

TOPIC: HOW MANY TIMES

MONTH: NOVEMBER

Important Points:

1. How many legs goat have?

Ans. 4 legs

2. How many legs 4 goats have?

Ans. 16 legs

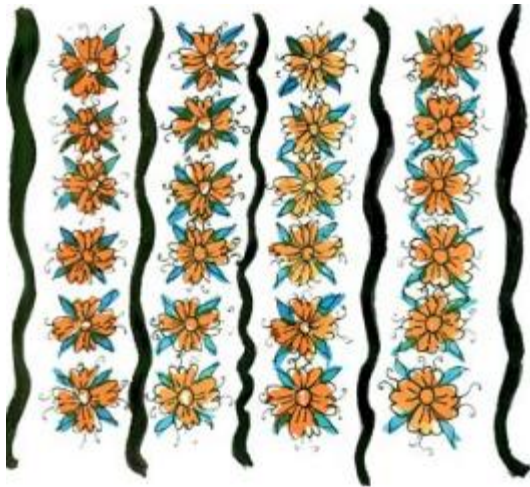
3. There are 3 spider. One spider has 6 legs , how many legs altogether?

Ans. 18 legs

4. Octopus has 8 legs so how many legs all together do 5 octopus have?

Ans. 40 legs

Find the number without counting



How many flowers in a flower bed?

Ans. It has 4 columns. Each column has 6 flowers. So altogether the flower bed has 4 times 6 flowers.

$$6+6+6+6=24 \text{ OR } 4*6=24$$

TELL HOW MANY TIMES?

$$8+8+8=\underline{3} \times 8=24$$

$$3+3+3+3+3=5 \times \underline{3}=15$$

$$12+12+12=\underline{3} \times 12$$

$$9+9+9+9=\underline{4} \text{ times } 9 \text{ or } 4 \times 9=36$$

$$8 \times 9 \text{ is } \underline{8} \text{ times } 9$$

$$5+5+5+5+5= \underline{5} \times 5=25$$

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

How Many Times 2?

$$1 \text{ time } 2 \text{ is } 2 \quad \text{or } 1 \times 2=2$$

$$2 \text{ times } 2 \text{ is } 4 \quad \text{or } 2 \times 2=4$$

$$3 \text{ times } 2 \text{ is } 6 \quad \text{or } 3 \times 2=6$$

$$4 \text{ times } 2 \text{ is } 8 \quad \text{or } 4 \times 2=8$$

$$5 \text{ times } 2 \text{ is } 10 \quad \text{or } 5 \times 2=10$$

$$6 \text{ times } 2 \text{ is } \underline{12} \quad \text{or } 6 \times 2=\underline{12}$$

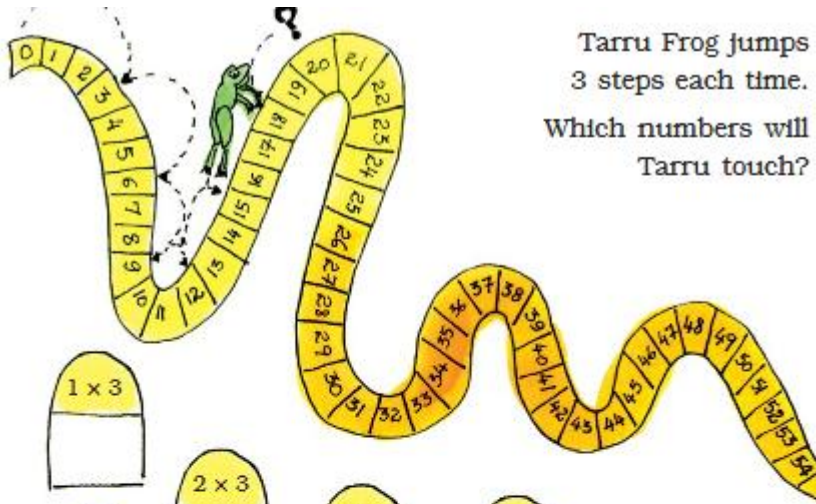
$$7 \text{ times } 2 \text{ is } \underline{14} \quad \text{or } 7 \times 2 = \underline{14}$$

$$\underline{8} \text{ times } 2 \text{ is } \underline{16} \quad \text{or } 8 \times 2= \underline{16}$$

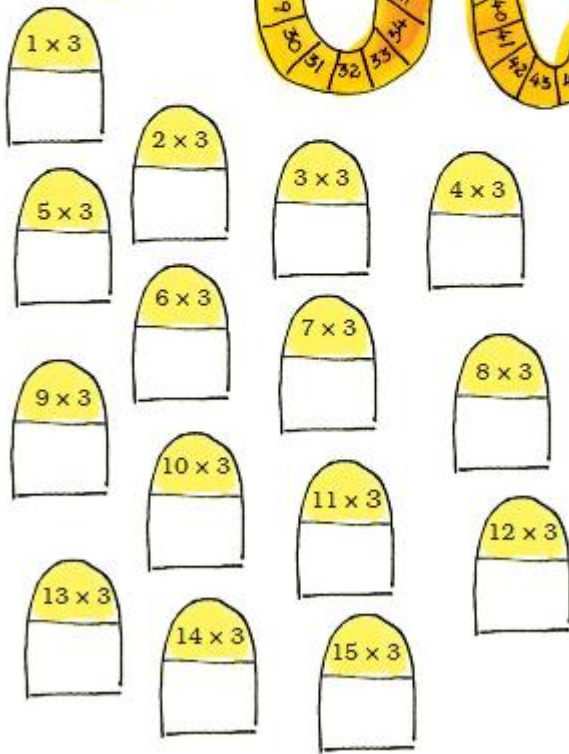
$$\underline{9} \text{ times } 2 \text{ is } \underline{18} \quad \text{or } 9 \times 2=\underline{18}$$

$$\underline{10} \text{ times } 2 \text{ is } \underline{20} \quad \text{or } 10 \times 2=\underline{20}$$

JUMP WITH ME



Tarru Frog jumps
3 steps each time.
Which numbers will
Tarru touch?



STICK PLAY



Mithu had some sticks. She arranged them like this:

$$1 \text{ time } 5 = 5$$

$$2 \text{ times } 5 = 10$$

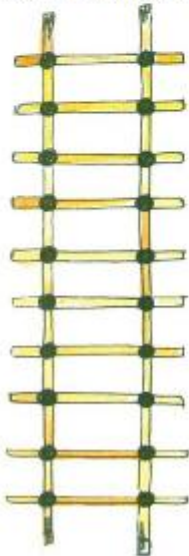
$$3 \text{ times } 5 = 15$$

$$4 \text{ times } 5 = 20$$

Then she counted how many times the sticks were crossing each other. She found that

$$4 \text{ times } 5 = 4 \times 5 = 20$$

Let's try making a 2 times table with sticks:



$$1 \times 2 = 2$$

$$2 \times 2 = 4$$

$$3 \times 2 = 6$$

$$4 \times 2 =$$

$$5 \times 2 =$$

$$6 \times 2 =$$

$$7 \times 2 =$$

$$8 \times 2 =$$

$$9 \times 2 =$$

$$10 \times 2 =$$



Fill in the blanks:

1. $4 \times \underline{10} = 40$

2. $3 \times \underline{5} = 15$

3. $22 \times 3 = \underline{66}$

4. $11 \times 5 = \underline{55}$

5. $7 \times 6 = \underline{42}$

6. $21 \times 4 = \underline{84}$

7. $1 \times 60 = \underline{60}$

8. $20 \times \underline{4} = 80$

Multiplying big numbers

1. How we find 34 times 2?

Ans. $34 \times 2 = 8$

2. How we can find 42 times 4?

Ans. $40 \times 4 + 2 \times 4 = 140 + 8 = 148$

Shopping with Tables-

How much do these things cost?

If cost of a toffee is 2 Rs.

4 toffees cost ___ rupees.

If cost of a pencil box is 10 Rs.

3 Pencil boxes cost ___ rupees.

10 Pencil boxes cost ___ rupees.

If cost of a balloon is 5 Rs.

9 balloons cost ___ rupees.

How many in all-

1. There are 34 students in a class. If 2 toffees given to each student. What will be the total number of toffees given?

Ans- 34×2 means 34 times 2.

30 times 2 is 60.

So, the answer is more than 60.

40 times 2 is 80.

So, the answer is less than 80.

	30	4
2	30×2	2×4
	60	8

So by adding $60+8=68$
Thus there are 68 toffees.

2. There are 37 students in a class. If 4 fruits given to each student. Find the total number of fruits given?

Ans- 37×4 is 37 times 4

30 times 4 is 120.

So, the answer is more than 120.

40 times 4 is 160.

So, the answer is less than 160.

	30	7
4	30×4	7×4
	120	28

So by adding $120+28=148$
Thus there are 148 fruits given.

3. A book has 64 pages. If there are 8 books. What will be the total number of pages all books have?

Ans- 64×8 is 64 times 8

60 times 8 is 480.

So, the answer is more than 480.

70 times 8 is 560

So, the answer is less than 560.

	60	4
8	60×8	8×4
	480	32

So by adding $480+32=512$
Thus there are 512 pages.

How many in 23 dozen?

1 dozen bananas means 12 bananas.

So, 23 dozen bananas is 23×12 bananas.

Bharti wrote

	20	3
10	10×20 $= 200$	10×3 $= 30$
2	2×20 $= 40$	2×3 $= 6$

Add the numbers in the boxes:

200

40

30

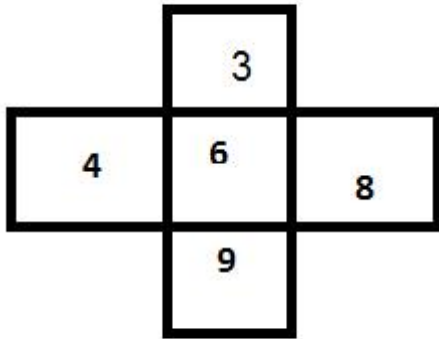
+ 6

276

Complete the grid by multiplying the numbers

*	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4										
5										
6										
7										
8										
9										
10										

Add the numbers which are colored in cross grid



Add the numbers together from top to bottom.

$$3+6+9=18$$

Add the numbers together from left to right.

$$4+6+8=18$$

The total is the same.

Look for other crosses and copy them in your notebook.