

LEGGY ANIMALS**Question 1:**

How many spiders? _____

One spider has _____ legs.

In all, spider legs are 3 times _____

Or, _____ + _____ + _____ = _____

Or $3 \times$ _____ = _____

Answer:

How many spiders? **3**One spider has **8** legs.In all, spider legs are 3 times **8**Or, **$8 + 8 + 8 = 24$** Or **$3 \times 8 = 24$** **Question 2:**

So how many legs altogether do 5 octopuses have?

Answer:

 $8 + 8 + 8 + 8 + 8 = 40$ legs

Or, 5 times 8 = 40 legs

Or, $5 \times 8 = 40$ legs**FIND THE NUMBER WITHOUT COUNTING****Question:**

In the same way, how many bottles are these?

Answer:

4 times 5 = $4 \times 5 = 20$ bottles.**Question:**

How many eggs?

Answer:

6 times 5 = $6 \times 5 = 30$ eggs.**PRACTICE TIME****Question A:** 4×18 is 4 times _____ or _____ + _____ + _____ + _____ 3×20 is _____ times _____ or _____ + _____ + _____ 8×9 is _____ times _____ or _____ + _____ + _____ + _____ + _____ + _____ + _____ + _____ + _____

Answer:

4×18 is 4 times **18** or $18 + 18 + 18 + 18$

3×20 is **3** times **20** or $20 + 20 + 20$

8×9 is **8** times **9** or $9 + 9 + 9 + 9 + 9 + 9 + 9 + 9$

Question B:

Tell how many times!

Answer:

$8 + 8 + 8 = 3 \times 8 = 24$

$3 + 3 + 3 + 3 + 3 = 5 \times 3 = 15$

$30 + 30 + 30 = 3 \times 30 = 90$

$7 + 7 + 7 + 7 + 7 + 7 = 7 \times 6 = 42$

$12 + 12 + 12 + 12 = 4 \times 12 = 48$

$6 + 6 + 6 = 6 \times 3 = 18$

$10 + 10 + 10 + 10 = 4 \times 10 = 40$

$2 + 2 + 2 + 2 + 2 = 2 \times 5 = 10$

$6 + 6 + 6 + 6 + 6 + 6 + 6 = 7 \times 6 = 42$

Question C:

Ramu bought 4 packets of biscuits. Each packet has 4 biscuits. How many biscuits did Ramu buy?

Answer:

Ramu bought $4 \times 4 = 16$ biscuits.

Question D:

There are 12 desks in a classroom. Each desk has 4 legs. What is the total number of legs of the desks?

Answer:

Total number of legs of the desks = $12 \times 4 = 48$ legs.

Question E:

Sabiha brought home 3 bunches of flowers. Each bunch has 4 flowers. How many flowers were there?

Answer:

Total number of flowers = $3 \times 4 = 12$ flowers.

Question F:

One rail coach has 8 wheels. How many wheels in all in 6 coaches?

Answer:

Total number of wheels in 6 coaches = $8 \times 6 = 48$ legs.

HOW MANY TIMES 2?

Question:

Fill in the blanks

Answer:

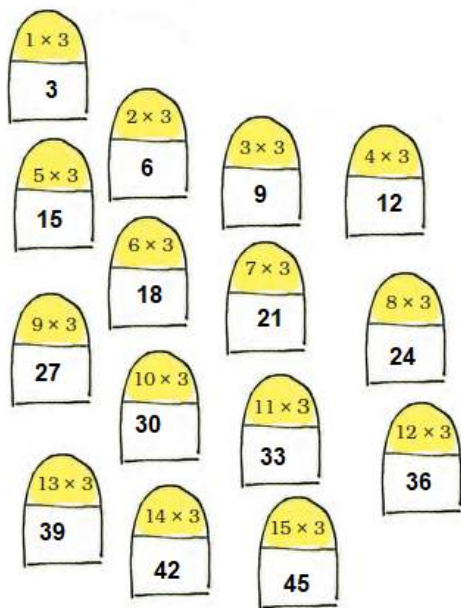
1 time 2	is 2	or 1×2	= 2
2 times 2	is 4	or 2×2	= 4
3 times 2	is 6	or 3×2	= 6
4 times 2	is <u>8</u>	or 4×2	= <u>8</u>
5 times 2	is <u>10</u>	or 5×2	= <u>10</u>
6 times 2	is <u>12</u>	or 6×2	= <u>12</u>
<u>7</u> times 2	is <u>14</u>	or <u> </u> $\times 2$	= <u>14</u>
<u>8</u> times <u>2</u>	is <u>16</u>	or 8×2	= <u>16</u>
<u>9</u> times <u>2</u>	is <u>18</u>	or 9×2	= <u>18</u>
<u>10</u> times <u>2</u>	is <u>20</u>	or 10×2	= <u>20</u>

JUMP WITH ME

Question:

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

Answer:



STICK PLAY**Question:**

Try making a 2 times table with sticks

Answer:

$$\begin{aligned}1 \times 2 &= 2 \\2 \times 2 &= 4 \\3 \times 2 &= 6 \\4 \times 2 &= \mathbf{8} \\5 \times 2 &= \mathbf{10} \\6 \times 2 &= \mathbf{12} \\7 \times 2 &= \mathbf{14} \\8 \times 2 &= \mathbf{16} \\9 \times 2 &= \mathbf{18} \\10 \times 2 &= \mathbf{20}\end{aligned}$$

Question:

Now draw sticks to make the multiplication table of 6.

Answer:

$$\begin{aligned}1 \times 6 &= 6 \\2 \times 6 &= 12 \\3 \times 6 &= 18 \\4 \times 6 &= 24 \\5 \times 6 &= 30 \\6 \times 6 &= 36 \\7 \times 6 &= 42 \\8 \times 6 &= 48 \\9 \times 6 &= 54 \\10 \times 6 &= 60\end{aligned}$$

SHOPPING WITH TABLES**Question:**

How much do these things cost?

1. 4 toffees cost _____ rupees.
2. 3 pencil boxes cost _____ rupees.
3. 10 pencil boxes cost _____ rupees.
4. 9 balloons cost _____ rupees.
5. 5 toys cost _____ rupees.
6. 7 face masks cost _____ rupees.

Answer:

1. $4 \times 2 = 8$ rupees
2. $3 \times 10 = 20$ rupees
3. $10 \times 10 = 100$ rupees
4. $9 \times 5 = 45$ rupees
5. $5 \times 4 = 20$ rupees

6. $7 \times 3 = 21$ rupees

PRACTICE TIME**Question A:**

Complete the following:

Answer:

$2 \times 7 = 14$

$3 \times 9 = 27$

$4 \times 9 = 36$

$5 \times 2 = 10$

$5 \times 8 = 40$

$3 \times 10 = 30$

$10 \times 6 = 60$

$2 \times 8 = 16$

$5 \times 9 = 45$

$10 \times 8 = 80$

Question B:

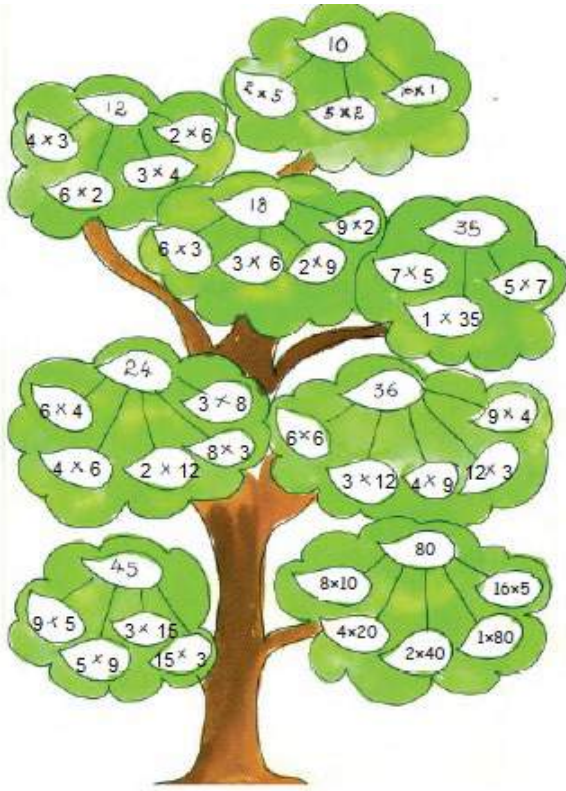
Look at the patterns and complete them.

Answer:

3, 6, 9, **12, 15, 18.**2, 4, 6, **8, 10, 12.**10, 20, 30, **40, 50, 60.**4, 8, 12, **16, 20, 24.**5, 10, 15, **20, 25, 30.**30, 60, 90, **120, 150, 180****Question C:**

Complete the multiplication tree

Answer:



Question D:
How many in all?

1. A shirt has 5 buttons. How many buttons would 3 shirts have?
2. There are four fans. Each fan has 3 blades. What is the total number of blades in all?
3. A box contains 6 apples. How many apples in all will seven boxes have?
4. How many corners would 4 triangles have?

Answer:

1. $5 \times 3 = 15$ buttons
2. $4 \times 3 = 12$ blades
3. $6 \times 7 = 42$ apples
4. $4 \times 3 = 12$ corners

Question E:
Some multiplication facts

Answer:

✦ $8 \times 3 = 24$

✦ $5 \times 7 = 35$

✦ $3 \times 7 = 21$

✦ $6 \times 6 = 36$

✦ $7 \times 6 = 42$

✦ $10 \times 4 = 40$

✦ $5 \times 8 = 40$

✦ $4 \times 9 = 36$

✦ $6 \times 9 = 54$

✦ $4 \times 7 = 28$

PRACTICE TIME**Question A:**

Multiply

Answer:

$22 \times 3 = 66$

$43 \times 2 = 86$

$21 \times 4 = 84$

$24 \times 2 = 48$

$11 \times 5 = 55$

$30 \times 5 = 150$

$20 \times 4 = 80$

$23 \times 9 = 207$

$26 \times 4 = 194$

$38 \times 2 = 76$

$25 \times 3 = 75$

$24 \times 5 = 120$

$35 \times 3 = 105$

$48 \times 4 = 192$

$32 \times 5 = 160$

$58 \times 2 = 116$

Question B:

First guess the answer and then calculate:

1. A flower has five petals. A bunch of flowers has 13 flowers. How many petals are there in the bunch?
2. A book has 64 pages. What will be the total number of pages in 8 such books?
3. Students stand in rows in the assembly. There are six rows of students. Each row has 17 students. How many students are there?
4. A design has 3 flowers in it. A piece of cloth has 17 such designs. How many flowers will be on the cloth?

Answer:

1. Total number of petals = $5 \times 13 = 65$ petals.
2. Total number of pages = $64 \times 8 = 512$ pages.
3. Total number of students = $6 \times 17 = 102$ students.
4. Total number of flowers on the cloth = $3 \times 17 = 51$ flowers.

PRACTICE TIME**Question 1:**

First guess the answer and then check it by calculating:

Answer:

$42 \times 23 = 966$

$73 \times 11 = 803$

$51 \times 13 = 663$

$54 \times 12 = 648$

$25 \times 36 = 900$

$12 \times 14 = 168$

MULTIPLICATION PATTERNS

Question A:

$9 \times 1 = 9$

$9 \times 2 = 18$

$9 \times 3 = 27$

$9 \times 4 = 36$

$9 \times 5 = 45$

$9 \times \underline{\quad} = \underline{\quad}$

$9 \times \underline{\quad} = \underline{\quad}$

$9 \times 8 = \underline{\quad}$

$1 + 8 = 9$

$2 + 7 = 9$

$3 + 6 = 9$

$4 + 5 = 9$

$\underline{\quad} + \underline{\quad} = \underline{\quad}$

$\underline{\quad} + \underline{\quad} = \underline{\quad}$

$\underline{\quad} + \underline{\quad} = \underline{\quad}$

Did you see the pattern in the 9 times table? What numbers are adding up to 9?

Answer:

$9 \times 1 = 9$

$9 \times 2 = 18$

$9 \times 3 = 27$

$9 \times 4 = 36$

$9 \times 5 = 45$

$9 \times \underline{6} = \underline{54}$

$9 \times \underline{7} = \underline{63}$

$9 \times 8 = \underline{72}$

$1 + 8 = 9$

$2 + 7 = 9$

$3 + 6 = 9$

$4 + 5 = 9$

$\underline{5} + \underline{4} = \underline{9}$

$\underline{6} + \underline{3} = \underline{9}$

$\underline{7} + \underline{2} = \underline{9}$

Yes, the pattern in the 9 times table is that the sum of the digits in the product is always 9.

Question B:

Complete the grid by multiplying the numbers

Answer:

×	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	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

Question: Look for other such crosses and copy them in your Notebook

Answer:

×	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	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

$$6 + 12 + 18 = \mathbf{36} = 10 + 12 + 14$$

$$9 + 18 + 27 = \mathbf{54} = 16 + 18 + 20$$

$$8 + 10 + 12 = \mathbf{30} = 5 + 10 + 15$$