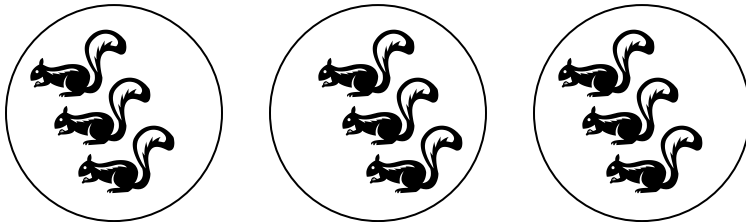


Times Tables - Multiplication

We all know these two signs: the addition sign $+$ and the subtraction sign $-$.

Well, here is another one for you: \times . This is the **multiplication** sign. The answer to a multiplication problem is called the **product**. Probably the best way to learn multiplication is to remember that it is just repeated addition, only instead of adding two or more numbers together we are adding two or more groups of numbers together. So 3×3 for example means three groups of three and might look like this:



How many squirrels is that? Yes, 9. Easy isn't it?

The only problem is, when you have lots of groups to add together, it takes a long time. Look at 9×3 below – that's a lot of adding! What about 9×9 !



That's why it is a good idea to learn some of the multiplication tables so that you can work out multiplication problems quickly. To help there is a table on the next page. If you want to add 9 groups of 9 quickly, for example, here is how it is done: look at the red 9 in the first row and the red 9 in the first column. Then look at the number where they meet. That is your answer!

1	2	3	4	5	6	7	8	9
2	4	6	8	10	12	14	16	18
3	6	9	12	15	18	21	24	27
4	8	12	16	20	24	28	32	36
5	10	15	20	25	30	35	40	45
6	12	18	24	30	36	42	48	54
7	14	21	28	35	42	49	56	63
8	16	24	32	40	48	56	64	72
9	18	27	36	45	54	63	72	81

Name _____

Date _____

1	2	3	4	5	6	7	8	9
2	4	6	8	10	12	14	16	18
3	6	9	12	15	18	21	24	27
4	8	12	16	20	24	28	32	36
5	10	15	20	25	30	35	40	45
6	12	18	24	30	36	42	48	54
7	14	21	28	35	42	49	56	63
8	16	24	32	40	48	56	64	72
9	18	27	36	45	54	63	72	81

Name _____

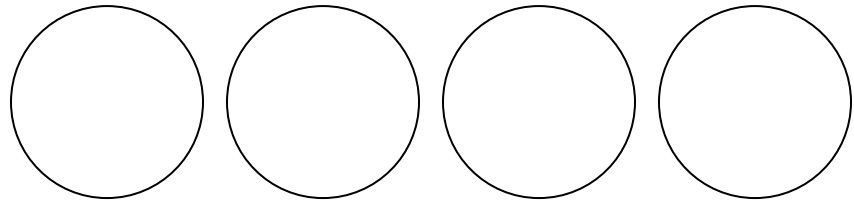
Date _____

Times Tables – Multiplication Questions

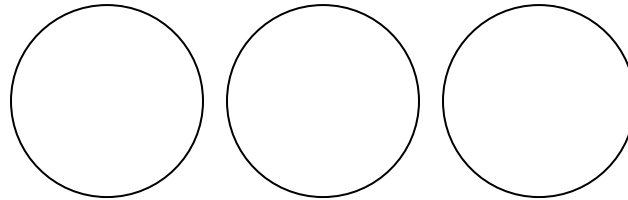
A: ? groups of ?

Let's practice. Here are some multiplication problems which you can work out by repeated addition. Let's multiply butterflies. Draw the correct number of butterflies in the circles and then work out the product.

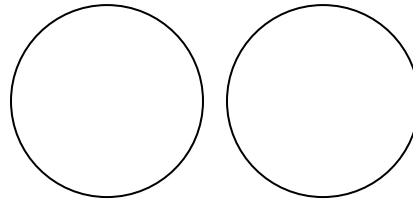
$4 \times 2 =$



$3 \times 5 =$



$2 \times 3 =$



B. Times table.

The next few problems would take quite a bit longer if you had to add up all the groups. See if you can work these out using the table.

1. $5 \times 4 =$

2. $7 \times 3 =$

3. $6 \times 2 =$

4. $4 \times 8 =$

5. $2 \times 9 =$

6. $5 \times 5 =$

7. $3 \times 6 =$

8. $4 \times 7 =$

9. $8 \times 2 =$

10. $9 \times 3 =$

Name _____

Date _____

Times Tables – Multiplication Answers

Activity A

$$4 \times 2 = 8$$

$$3 \times 5 = 15$$

$$2 \times 3 = 6$$

Activity B

$$2. \quad 5 \times 4 = 20$$

$$2. \quad 7 \times 3 = 21$$

$$3. \quad 6 \times 2 = 12$$

$$4. \quad 4 \times 8 = 32$$

$$5. \quad 2 \times 9 = 18$$

$$6. \quad 5 \times 5 = 25$$

$$7. \quad 3 \times 6 = 18$$

$$8. \quad 4 \times 7 = 28$$

$$9. \quad 8 \times 2 = 16$$

$$10. \quad 9 \times 3 = 27$$