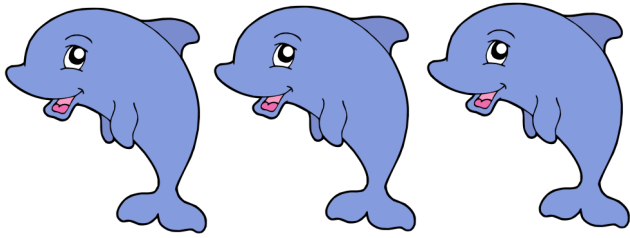
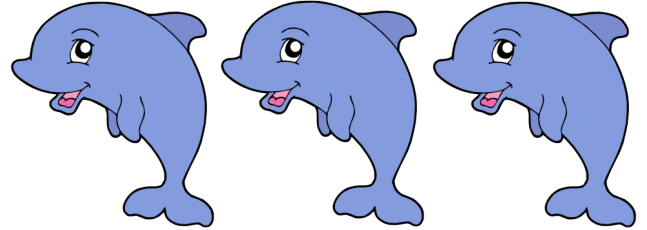
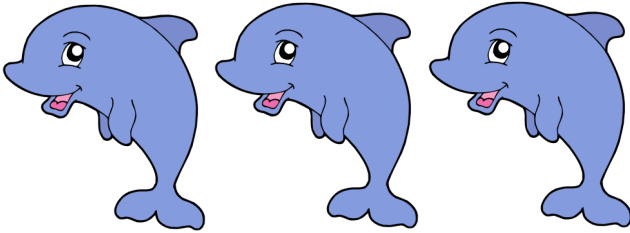


$1 \times 3 =$  \_\_\_\_\_ This means I have one group of three, so I have



or three dolphins.  $1 \times 3 = 3$

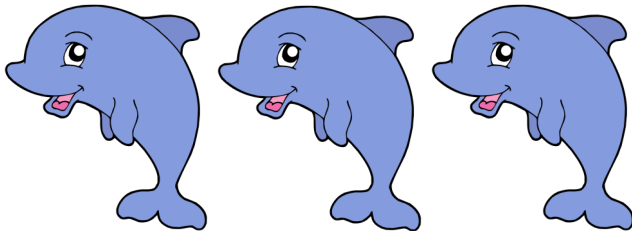
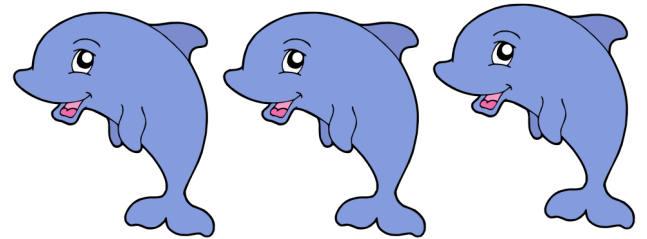
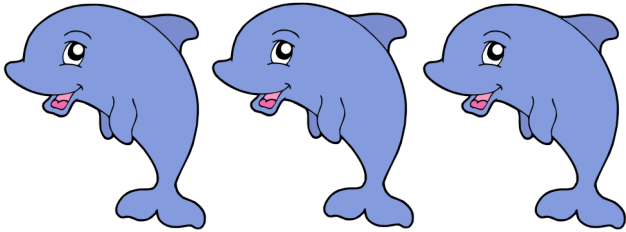
Now, if the problem is  $2 \times 3$ , we have:  $2 \times 3 =$  \_\_\_\_\_ This means I have two groups of three dolphins each, so I have



or six dolphins.  $2 \times 3 = 6$

If the problem is  $3 \times 0 =$  \_\_\_\_\_ It means I have three groups of no dolphins, so I have zero dolphins.  $3 \times 0 = 0$

If the problem is  $3 \times 3 =$  \_\_\_\_\_ This means I have three groups of three dolphins each, so I have



or nine dolphins.  $3 \times 3 = 9$ .

Now that we have seen how multiplication works (it is a fast way of adding after you learn the multiplication tables) and we have seen it with pictures so we can see how multiplication works with groups of things; let's start learning the multiplication tables so we can begin using this great way of doing arithmetic.

### Worksheet 31

5	4	5	5	3	5	5
<u>x 6</u>	<u>x 9</u>	<u>x 10</u>	<u>x 1</u>	<u>x 7</u>	<u>x 9</u>	<u>x 7</u>

4	5	2	5	3	4	5
<u>x 5</u>	<u>x 3</u>	<u>x 7</u>	<u>x 8</u>	<u>x 10</u>	<u>x 7</u>	<u>x 4</u>

### Worksheet 32

5	5	3	5	2	5	4
<u>x 5</u>	<u>x 12</u>	<u>x 9</u>	<u>x 2</u>	<u>x 12</u>	<u>x 9</u>	<u>x 6</u>

5	5	3	5	5	4	5
<u>x 11</u>	<u>x 1</u>	<u>x 8</u>	<u>x 7</u>	<u>x 4</u>	<u>x 4</u>	<u>x 0</u>

### Worksheet 33

5	5	4	5	5	3	5
<u>x 8</u>	<u>x 3</u>	<u>x 12</u>	<u>x 10</u>	<u>x 6</u>	<u>x 6</u>	<u>x 11</u>

4	5	3	5	5	2	5
<u>x 3</u>	<u>x 0</u>	<u>x 4</u>	<u>x 12</u>	<u>x 5</u>	<u>x 9</u>	<u>x 2</u>

## Worksheet 64

Micah needs to divide rocks into seven containers for a science experiment. If he puts eight rocks in each container, how many rocks will Micah need altogether?

Rachel is knitting hats for seven of her friends for gifts. She is putting buttons on them as decorations. If Rachel needs six buttons to decorate each hat, how many buttons does she need altogether?

Karen went to the pet store with her mom to buy a collar for her dog. She likes to look at the puppies in the different puppy play areas. Karen looked in seven different play areas and saw three puppies in each. How many puppies did Karen see altogether?

Isaac is finishing seven birdhouses he is making. He needs ten nails for each birdhouse to finish them. How many nails does Isaac need altogether?

Phil decided to walk dogs to earn extra money. He has walked dogs for seven days so far and has walked four dogs each day. How many dogs has Phil walked altogether?

### Worksheet 136

33	98	54	85	81	39	56
<u>x 9</u>	<u>x 5</u>	<u>x 3</u>	<u>x 3</u>	<u>x 2</u>	<u>x 5</u>	<u>x 8</u>

64	72	31	67	69	55	95
<u>x 4</u>	<u>x 7</u>	<u>x 6</u>	<u>x 2</u>	<u>x 9</u>	<u>x 3</u>	<u>x 2</u>

43	66	91	52	53	49	86
<u>x 8</u>	<u>x 5</u>	<u>x 6</u>	<u>x 9</u>	<u>x 4</u>	<u>x 7</u>	<u>x 2</u>

### Worksheet 137

30	105	100	62	220	83	153
<u>x 5</u>	<u>x 2</u>	<u>x 3</u>	<u>x 6</u>	<u>x 4</u>	<u>x 8</u>	<u>x 7</u>

59	38	51	264	35	433	360
<u>x 9</u>	<u>x 4</u>	<u>x 6</u>	<u>x 2</u>	<u>x 5</u>	<u>x 3</u>	<u>x 3</u>

47	96	176	92	74	543	920
<u>x 8</u>	<u>x 6</u>	<u>x 4</u>	<u>x 7</u>	<u>x 9</u>	<u>x 5</u>	<u>x 2</u>