

Lesson-12

Division

One sunday Dhanbar caught nine fishes. The fishes were alive. Kon, Dhon and Tagar wanted to keep those fishes alive in glass containers. Dhanbar distributed 9 fishes equally among them.

Let us see how Dhanbar distributed the fishes



Dhanbar caught 9 fishes.



At first he gave 1 fish to each of the children.

Now he was left with 6 fishes.

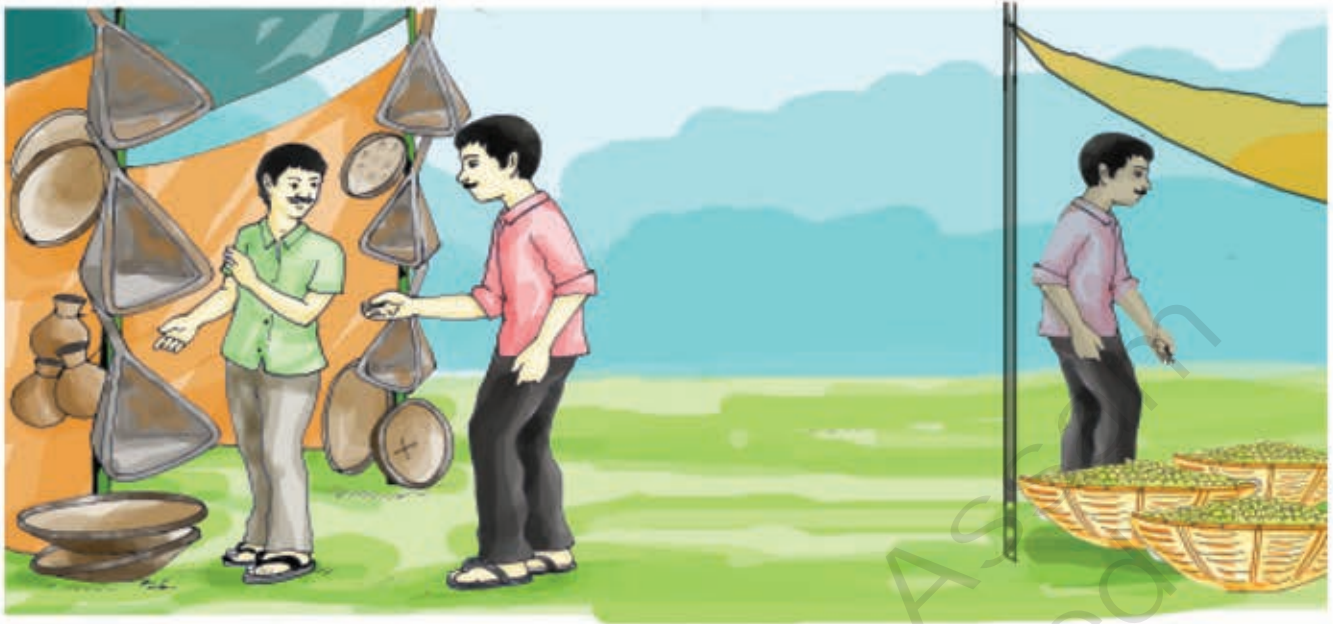


He then gave one more fish to each of them. Now there were 2 fishes in each container. Three fishes were left with Dhanbar.



Dhanbar gave the remaining three fishes equally to Kon, Dhon and Tagar. Now, no fishes were left with Dhanbar. Kon, Dhon and Tagar got 3 fishes each.

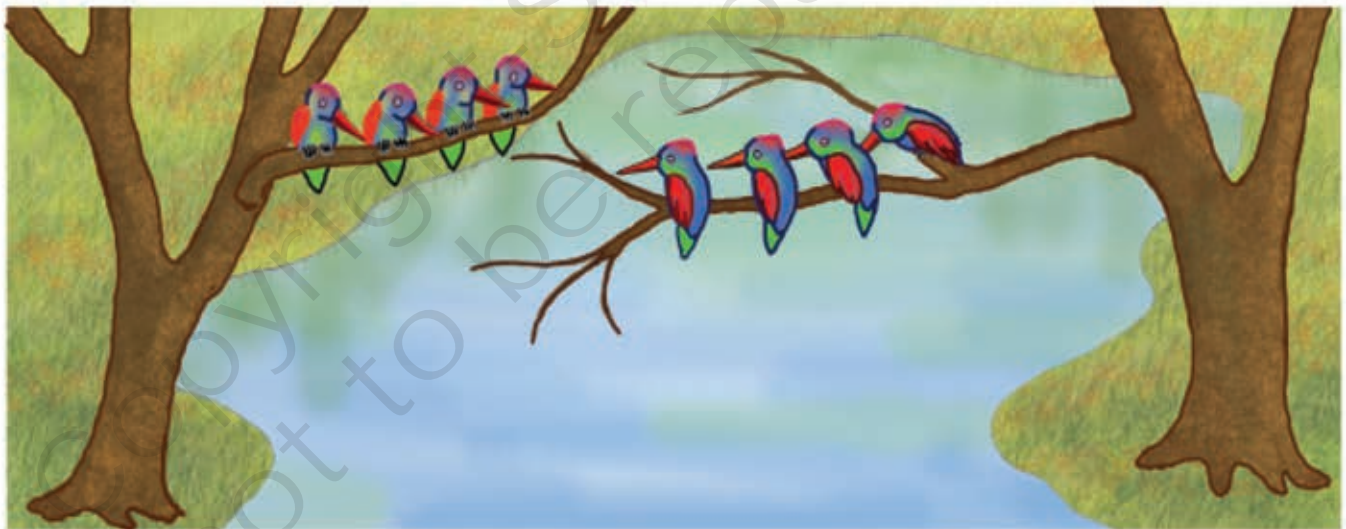




There are *jakoi* (a kind of tool used to catch fish).

These are tied together equally in groups.

There are *jakoi* in each group.

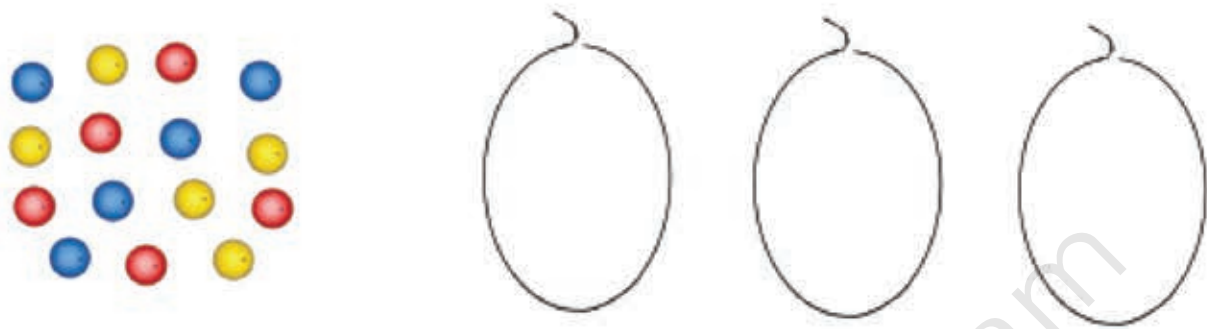


There are kingfishers.

Equal number of birds are sitting in trees.

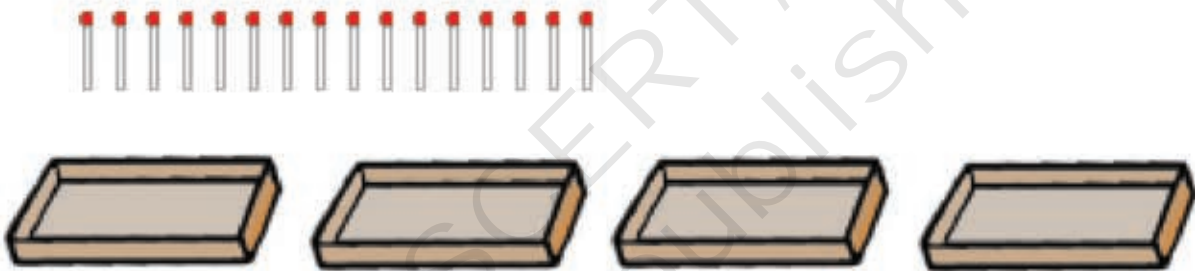
There are kingfishers in each tree.

There are 15 beads. Make 3 garlands using equal number of them in each garland.



There will be beads in each garland.

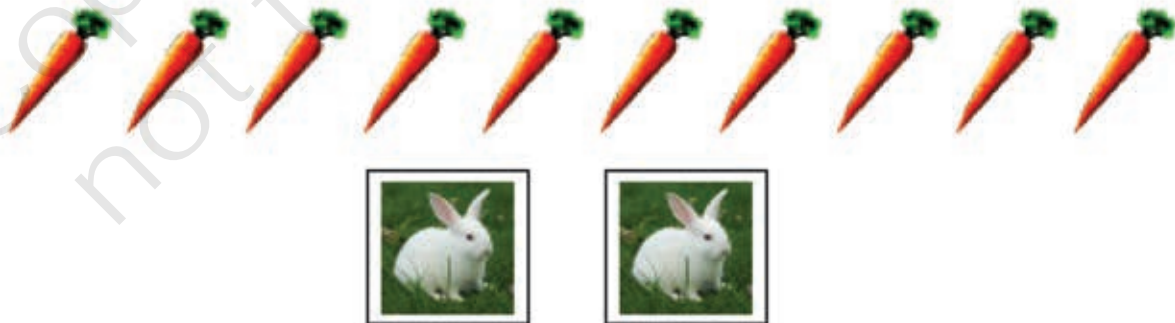
There are 16 match sticks. Distribute them equally and keep them in the following boxes.



Each box will have stricks.

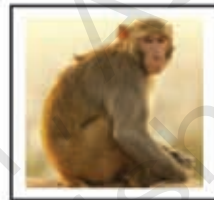
Let's distribute equally

Distribute 10 carrots equally between 2 rabbits



Each rabbit will get carrots

Distribute 15 bananas equally among 5 monkeys.



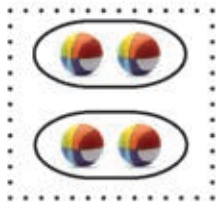
Each monkey will get bananas

Distribute 12 butterflies equally among 6 flowers.



There will be butterflies on each flower.

Distribute the following articles in groups of two and count how many groups you will have



If we distribute balls in groups of 2, we will have groups

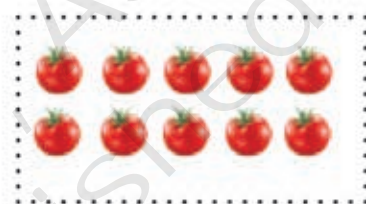
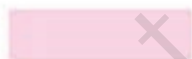
$$4 \div 2 = 2$$



If we distribute guavas in groups of 2, We will have groups



If we distribute mangoes in groups of 2 we will have groups



If we distribute tomatoes in groups of 2, we will have groups



If we distribute toffee in groups of 2, We will have groups



If we distribute amla in groups of 2, We will have groups

Let us know

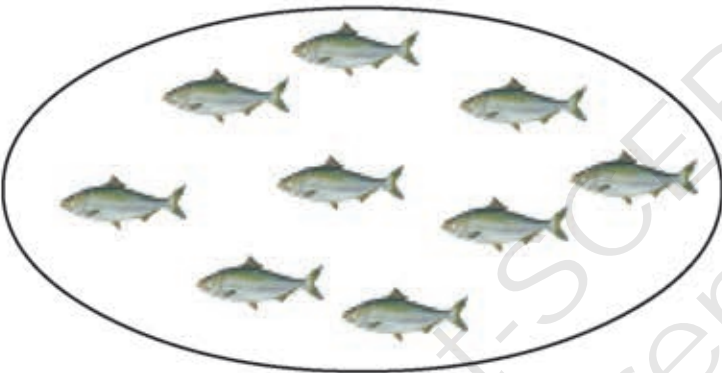
Division is represented by the symbol ' \div '.

Solve



If you put equal number of flowers in each vase, how many flowers will be in each vase?

$\boxed{12} \div \boxed{3} = \boxed{4}$ flowers



If you keep equal number of fishes for each cat in each plate, how many fishes will be in each plate?

..... \div = fish



..... \div = guavas

If you keep equal number of guavas in each basket, how many guavas will be in each basket?

If you plant equal number of saplings in each house, how many saplings will be planted in each house?



$$\dots\dots\dots \div \dots\dots\dots = \dots\dots\dots \text{ saplings.}$$

If you stick equal number of flowers in each doll's dress, how many flowers will be in each doll's dress?



$$\dots\dots\dots \div \dots\dots\dots = \dots\dots\dots \text{ flowers}$$

If you divide the following articles equally in 3 groups, how many articles will be in each group?



$$12 \div 3 = 4$$

If you divide the following articles equally in 4 groups, how many of them will be in each group?



$$16 \div 4 = \dots\dots\dots$$

If you divide the following articles equally in 2 groups, how many of them will be in each group?



$$18 \div 2 = \dots\dots\dots$$

If you divide the following articles equally in 4 groups, how many of them will be in each group?



$$20 \div 4 = \dots\dots\dots$$

Divide the following in groups according to the number given.



3 flowers in each group

Divide the following in groups according to the number given.



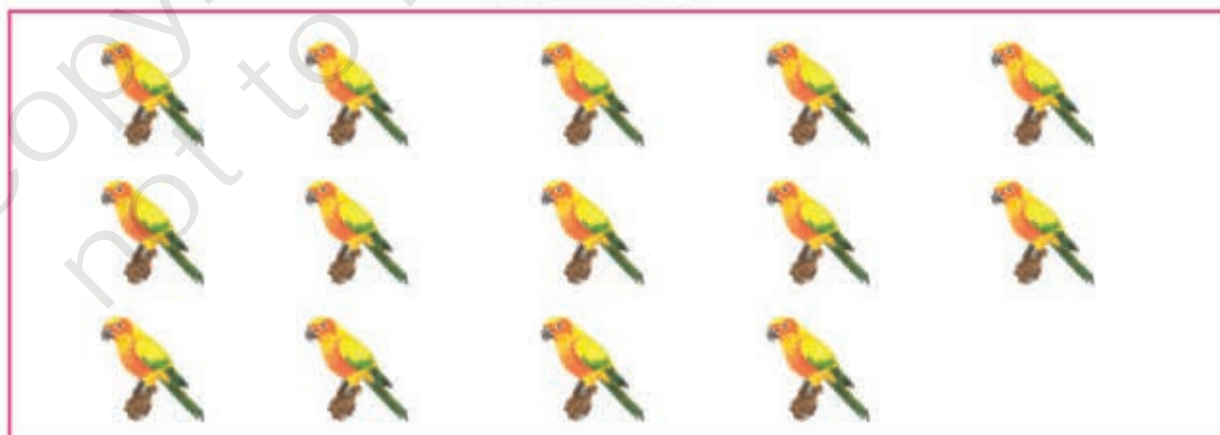
4 balls in each group



5 insects in each group



6 mangoes in each group



7 birds in each group

Solve the following problems

- * 1 clay potato can be made in 5 minutes. How many clay potatoes can be made in 30 minutes?



- * There is a piece of cloth which is 6 metre long. How many pieces of cloth of 2 metres will you get from it?



- * Distribute 15 kg. of tomatoes equally among 3 boys. How many kg. of tomatoes will each boy get?



- * Distribute 20 litres of milk among four families equally. How many litres of milk will each family get?





Discuss in groups and solve


In how many groups 6 guavas can be divided?





In group of 1























In group of 2
















In group of 3





In group of 6



In how many groups 8 bananas can be divided?



.....

.....

.....

.....

Division with the help of multiplication table

We know that $2 \times 4 = 8$

Therefore, $8 \div 4 = 2$

or, $8 \div 2 = 4$

* Let us do

Multiplication

$$2 \times 3 = 6$$

$$2 \times 5 = 10$$

$$2 \times 6 = 12$$

$$2 \times 9 = 18$$

$$2 \times 7 = 14$$

Division

$$6 \div 2 = 3 \text{ and, } 6 \div 3 = 2$$

$$10 \div 2 = 5 \text{ and, } 10 \div 5 = 2$$

$$12 \div 2 = 6 \text{ and, } 12 \div 6 = 2$$

$$18 \div 2 = 9 \text{ and, } 18 \div 9 = 2$$

$$14 \div 2 = 7 \text{ and, } 14 \div 7 = 2$$

* Fill in the boxes

Multiplication

$$3 \times \boxed{2} = 6$$

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

$$3 \times \boxed{} = 12$$

$$3 \times \boxed{} = 18$$

$$3 \times \boxed{} = 24$$

$$3 \times \boxed{} = 27$$

$$3 \times \boxed{} = 30$$

Division

$$6 \div 3 = \boxed{2}$$

$$15 \div 3 = \boxed{5}$$

$$12 \div 3 = \boxed{}$$

$$18 \div 3 = \boxed{}$$

$$24 \div 3 = \boxed{}$$

$$27 \div 3 = \boxed{}$$

$$30 \div 3 = \boxed{}$$

* **Fill in the boxes**

Multiplication

$4 \times \square = 12$

$5 \times \square = 20$

$6 \times \square = 42$

$7 \times \square = 49$

$8 \times \square = 72$

$9 \times \square = 18$

$10 \times \square = 20$

Division

$12 \div 4 = \square$

$20 \div 5 = \square$

$42 \div 6 = \square$

$49 \div 7 = \square$

$72 \div 8 = \square$

$18 \div 9 = \square$

$20 \div 10 = \square$

* **Do the following**

$6 \div \dots = \square 3$

$8 \div 4 = \square$

$9 \div 3 = \square$

$\dots \div 9 = \square 2$

$16 \div 8 = \square$

$14 \div \dots = \square 2$

$7 \div \dots = \square 1$

$18 \div \dots = \square 9$

$24 \div 8 = \square$

$20 \div 5 = \square$

$36 \div \dots = \square 6$

$54 \div \dots = \square 6$

$10 \div 5 = \square$

$27 \div 3 = \square$

Let us try

- (a) Rina had 5 balloons. Her aunt gave her 10 more balloons. Rina divided all the balloons equally among her three brothers. How many balloons did each of them get?
- (b) Moni's mother fried 20 ricecakes. She wanted to distribute the ricecakes equally among 5 friends. How many ricecakes would each friend get ?
- (c) Mina brought 30 marigold saplings to be planted in the school garden. If the saplings are planted equally in 3 rows, how many saplings will be planted in each row?
- (d) 15 kittens are to be given equally among 5 children. How many kittens will each child get?
- (e) There are 20 biscuits to be distributed equally among a few boys. If each boy gets 4 biscuits, how many boys are there in all ?

Solve the riddles

- | | |
|---|---|
| <p>(a) Four children ate
Green mangoes eight.
How many mangoes did
Each child eat?</p> | <p>(c) 4 children brought 20 dates
Equal number of dates each one ate
How many dates did each child take?</p> |
| <p>(b) Grandpa brought ten toys
To give equally to five boys.
Count and say how many toys
Grandpa gave to each boy.</p> | <p>(d) 6 monkeys are swinging from trees
If three monkeys are in a tree
How many trees will there be?</p> |