



Divide Equally



Mangal went to the fair with his uncle. He met three of his friends Heera, Shalu and David in the fair. Uncle was very happy to meet them. All the friends enjoyed a lot together. Uncle bought 8 bananas. He gave bananas to Mangal, and said, "Divide equally among yourselves and eat." How did Mangal divide them equally?

Let us see –



Heera



David



Shalu



Mangal

First he gave 1 banana to each, again he gave 1 banana to each



Everybody got –

$$\frac{2}{2}$$

$$\frac{2}{2}$$

$$\frac{2}{2}$$

$$\frac{2}{2}$$

All the bananas were distributed equally. Everybody got 2 bananas each. Mangal is very happy

Understand it in this way also -

8  were distributed equally among 4.

$8 - 4 = 4$ (4, distributed or subtracted first time)

Now 4  were left

$4 - 4 = 0$ (4, distributed or subtracted second time)



8 🍬 were distributed among 4 people 2 times. Everyone got 2 🍬 each

you do it in this way too – $8 \div 2 = 4$ or $2 \overline{) 8} (4$

$$\begin{array}{r} - 8 \\ \hline 0 \end{array}$$

The sign of division is $\div$

After a while uncle bought 20 toffees for the children. Shalu said, “Chacha ji, I will distribute these toffees equally”.

Uncle gave all the 20 toffees to Shalu.

How did Shalu distribute 20 toffees among 4 people equally?

You also do it-

	Mangal	David	Heera	Shalu	
First she gave 1 to each					toffees left $20 - 4 = 16$
Again she gave 1 toffee to each					now left $16 - \dots = \dots$
Again she gave 1 toffee to each					now left $\dots - \dots = \dots$
Again she gave 1 toffee to each					now left $\dots - \dots = \dots$
Again she gave 1 toffee to each					now left $\dots - \dots = \dots$

All the 20 toffees were distributed equally. Everybody got 5 🍬 each.

Shalu was happy after distributing toffees.

You do it in this way too –

20 toffees were distributed equally among 4.

$$20 - 4 = 16 \quad (4, \text{distributed or subtracted first time})$$

Now left 16, $16 - 4 = \dots\dots\dots$ (4, distributed or subtracted second time)

Now left - 4 = (4,times distributed or subtracted)

Now left - 4 = (4,times distributed or subtracted)

Now left - 4 = (4,times distributed or subtracted)

20 toffees among 4 people times distributed, everybody got

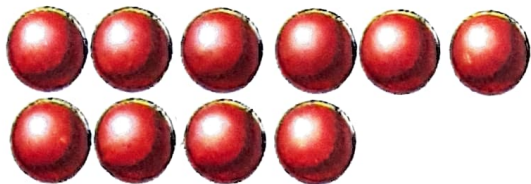
You, now do it in this way too –

4) 20 (.....

$$20 \div 4 = \text{.....} \text{ or}$$

$$\begin{array}{r} - \text{.....} \\ 00 \\ \hline \end{array}$$

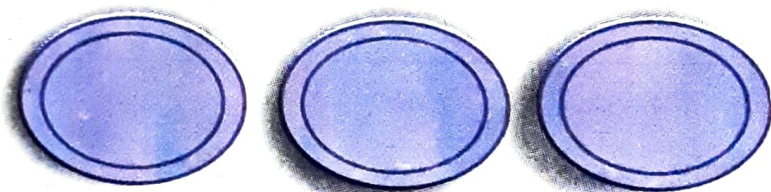
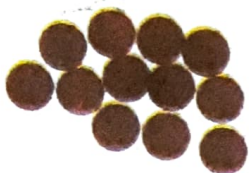
Count and divide into two equal parts –



How many  are there in each part?

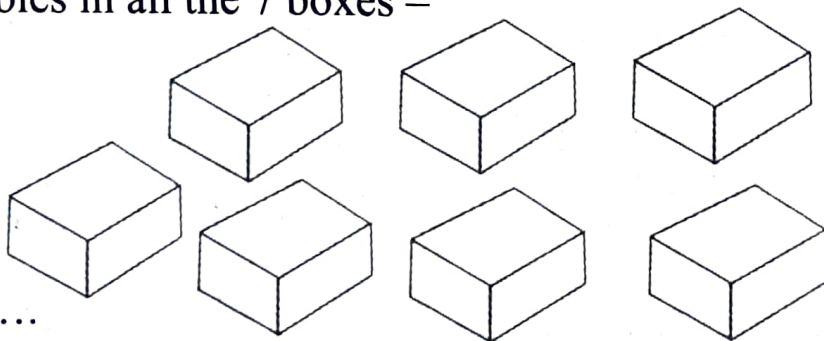
Let us do –

Put equal number of laddus in all the three plates –



How many laddus? laddusladdusladdus

Put equal number of marbles in all the 7 boxes –



How many marbles?

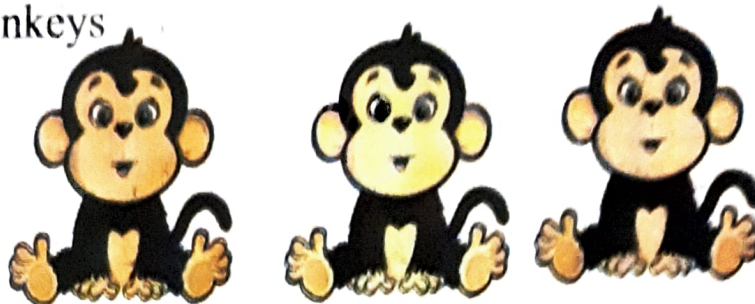
How many marbles are there in each box?

Divide equally –

6 bananas among three monkeys



$$6 \div 3 = \dots\dots\dots$$



Think –

- If there are 60 bananas and they have to be distributed equally among 3 monkeys, how many bananas will each monkey get?
- If 60 bananas are to be distributed between two monkeys, how many bananas will each monkey get?

Stitch the buttons –

There are 24 buttons.

If the tailor stitches 4 buttons on each shirt, how many buttons will be stitched on 6 shirts?

$$24 \div 4 = 6$$

- If 6 buttons are to be stitched on each shirt, buttons will be stitched on shirts?

$$24 \div 6 = \dots\dots\dots$$



Understand-

$24 \div 4$ means 4 comes 6 times in 24

$24 \div 6$ means 6 comes 4 times in 24

Now say-

$16 \div 2$ means, 2 comes in 16 in times.

➤ Give enough opportunities to the student to understand the process of division and equal distribution of group of items.



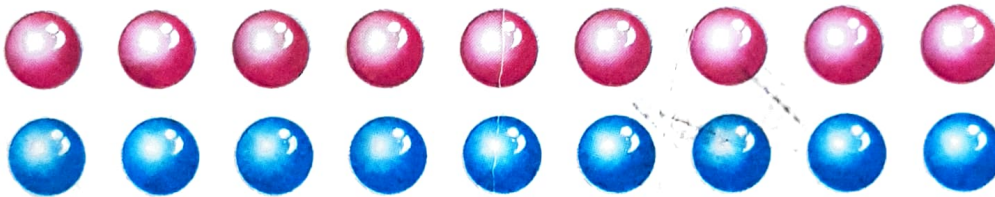
We have Learnt

- To divide the group of items into equal parts is division.
- The process of repeated subtraction of same number from the total number is also division.
- By division we find that how many times a particular number comes in a given number.

Exercise



1. Divide the marbles given below into 6 equal parts.



2. Divide by using tables –

$$9 \div 3 = \dots\dots\dots \text{ (hint – three times three is nine)}$$

$$20 \div 5 = \dots\dots\dots \text{ (hint– four times five is twenty)}$$

3. A. $4 \div 20$ (B. $6 \div 36$ (C. $9 \div 63$ (

4. Divide 12 guavas equally among 4 children.

5. There are 16 boxes in a basket. If 4 boxes are taken out at a time, in how many times all the boxes will be taken out?



6. 25 pencils have to be distributed among 5 children. How many pencils will each child get?