

ACTIVITY NO. – 12 CAN WE SHARE?

SUBJECT	MATHEMATICS
CLASS	III
CHAPTER/UNIT	CAN WE SHARE?
TOPIC	FORMING EQUAL GROUPS
TIME	30 MINUTES
NATURE OF ACTIVITY	INDIVIDUAL

What will I learn(Learning Outcome)?

Concept of division by forming equal groups.

Skills: Understanding, Analyzing, Critical Thinking

What I have to do?

To understand division by grouping.

What do I require?

A4 size coloured sheet, some bindis /buttons/counters, bangles, pencil and eraser.

What do I need to know?

Basic terms related to division such as dividend , divisor, quotient and remainder.

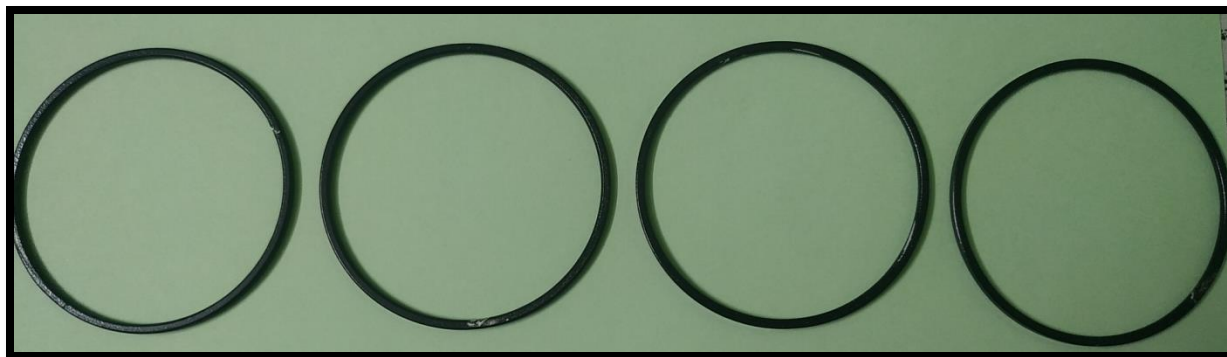
➤ Teacher's Activity :

The teacher will recall the basic terms related to division such as dividend , divisor, quotient and remainder with relevant examples.

How will I proceed ?

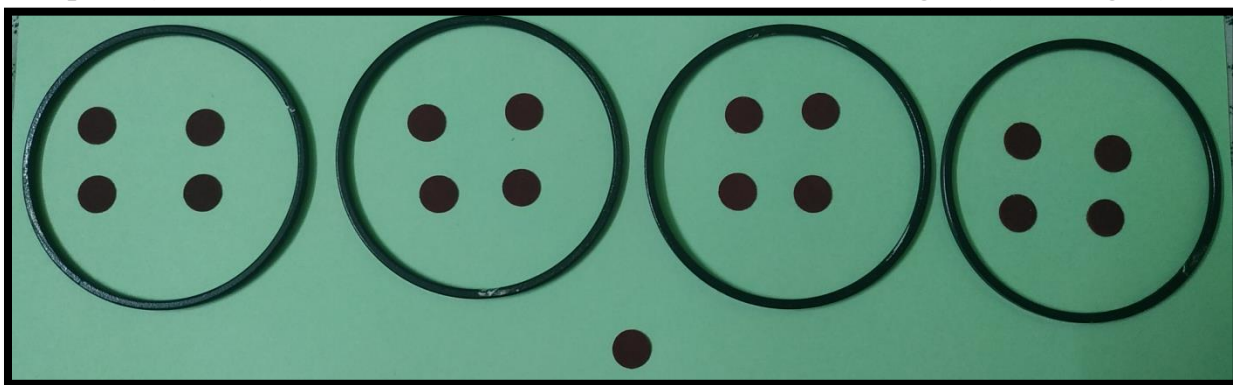
➤ Student's Activity :

1) Take an A4 size sheet and paste some bangles, say 3 or 4.(refer Fig. No. 1)



(Fig. 1)

- 2) To divide a number , say 17 (dividend) , by 4 , take 17 bindis/ buttons/ counters and put 4(divisor) bindis / counters / buttons inside each bangle. (refer Fig. 2).



(Fig. No. 2)

- 3) Place the remaining bindis/buttons/counters if any, out side the bangles.
 4) The number of bangles filled with 4 bindis/ counters/ buttons is the quotient and the number of bindis/ buttons/ counters left out is the remainder . So in $17 \div 4$, quotient is 4 and remainder is 1.
 5) Repeat the same process three times using 4 bangles and different 2 – digit numbers and record the observations in tabular format.

What have I observed ?

<u>S.no.</u>	<u>Division Statement</u>	<u>Quotient</u>	<u>Remainder</u>
1)	$17 \div 4$	4	1
2)			
3)			
4)			

What have I learnt?

Division means equal sharing and left over things are considered as remainder.

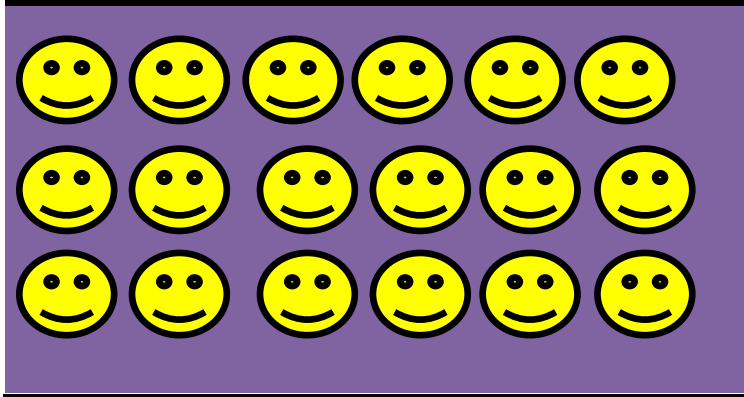
What am I curious to know?

Can I divide a 3 – digit number using the same activity?

Let me evaluate myself

Q1) Form groups in the figure given below. Also write its corresponding division statement stating the dividend , divisor , quotient and remainder.

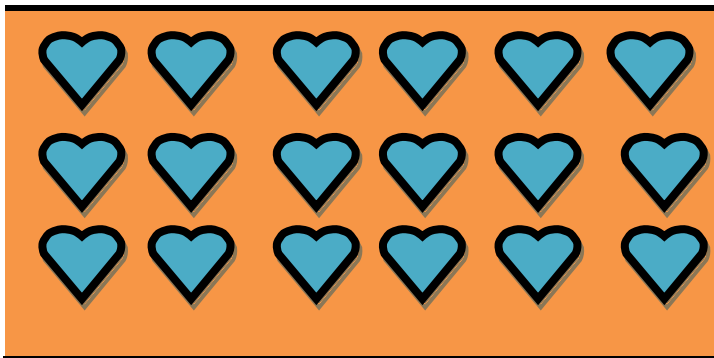
(a) Form groups of 6



Division statement : _____

Dividend : _____ , Divisor: _____ Quotient : _____ , Remainder : _____

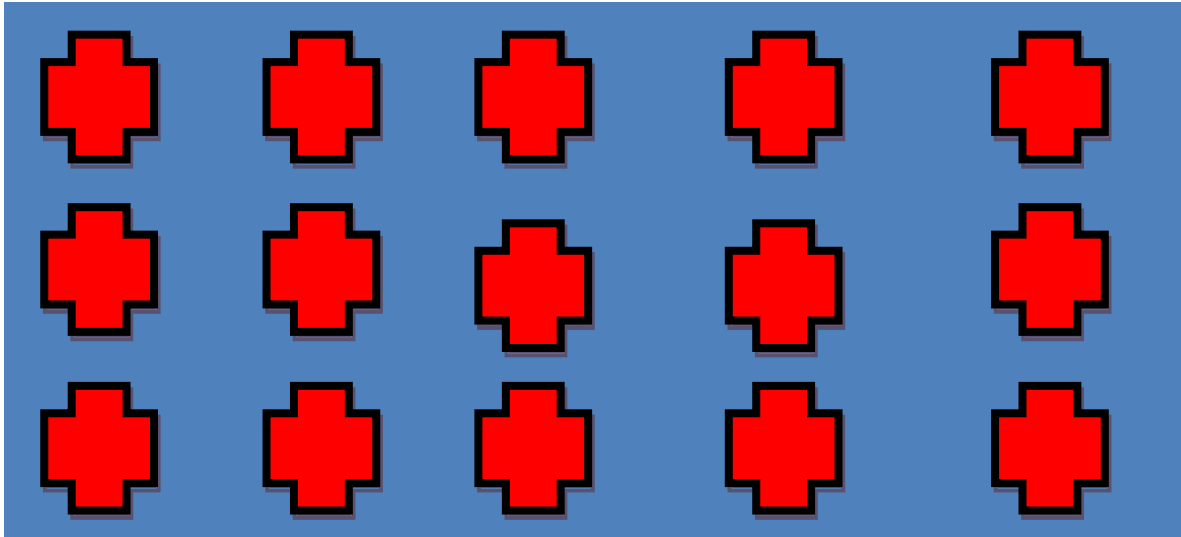
(b) Form groups of 5



Division statement : _____

Dividend : _____ , Divisor: _____ Quotient : _____ , Remainder : _____

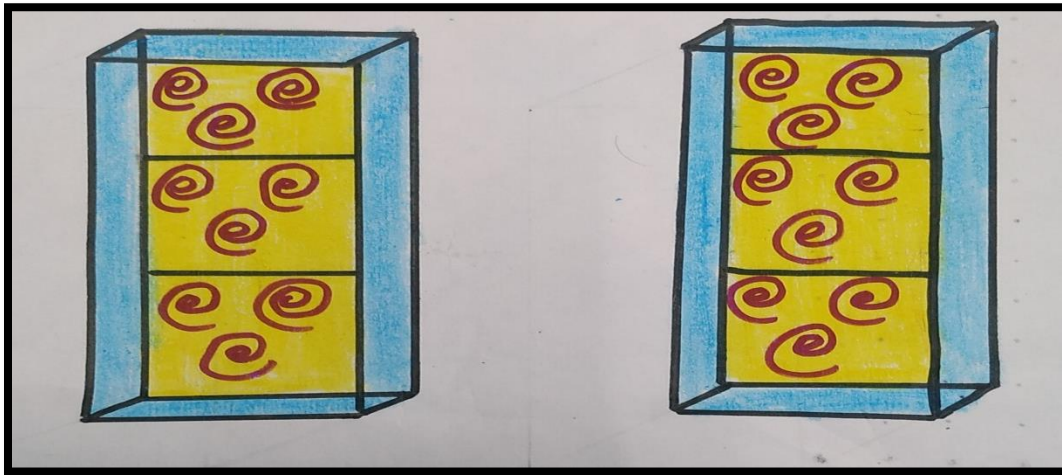
(c) Form groups of 4



Division statement : _____

Dividend : _____ , Divisor: _____ Quotient : _____ , Remainder : _____

Q2)Observe the image shown below and answer to the questions that follow.



(a) How many candies are there in all? _____ Candies

(b) How many candies are there in each box? _____ Candies

(c) How many boxes are there ? _____ Boxes

(d) Write the Division statement to describe the image .

_____ ÷ _____ = _____