

SESSION : 16
CLASS : I
SUBJECT : MATHEMATICS
CHAPTER NUMBER: 10
CHAPTER NAME : DIVISION
SUBTOPIC : DIVISION ON NUMBER LINE

CHANGING YOUR TOMORROW

TODAY'S TOPIC

DIVISION ON NUMBER LINE

LET'S HAVE A QUICK RECAP

DIVISION FACTS

5 boys share 25 biscuits. The facts are:

1) $\frac{25}{5} \div \frac{5}{5} = \frac{5}{5}$ biscuits

2) Each boy gets $\frac{5}{5}$ biscuits.

3) $\frac{5}{5} \times \frac{5}{5} = \frac{25}{5}$

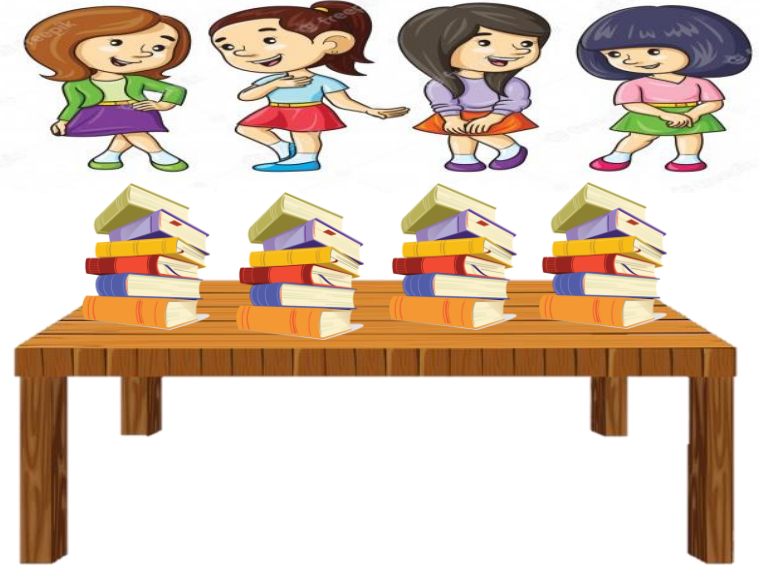


4 girls share 24 books . The facts are:

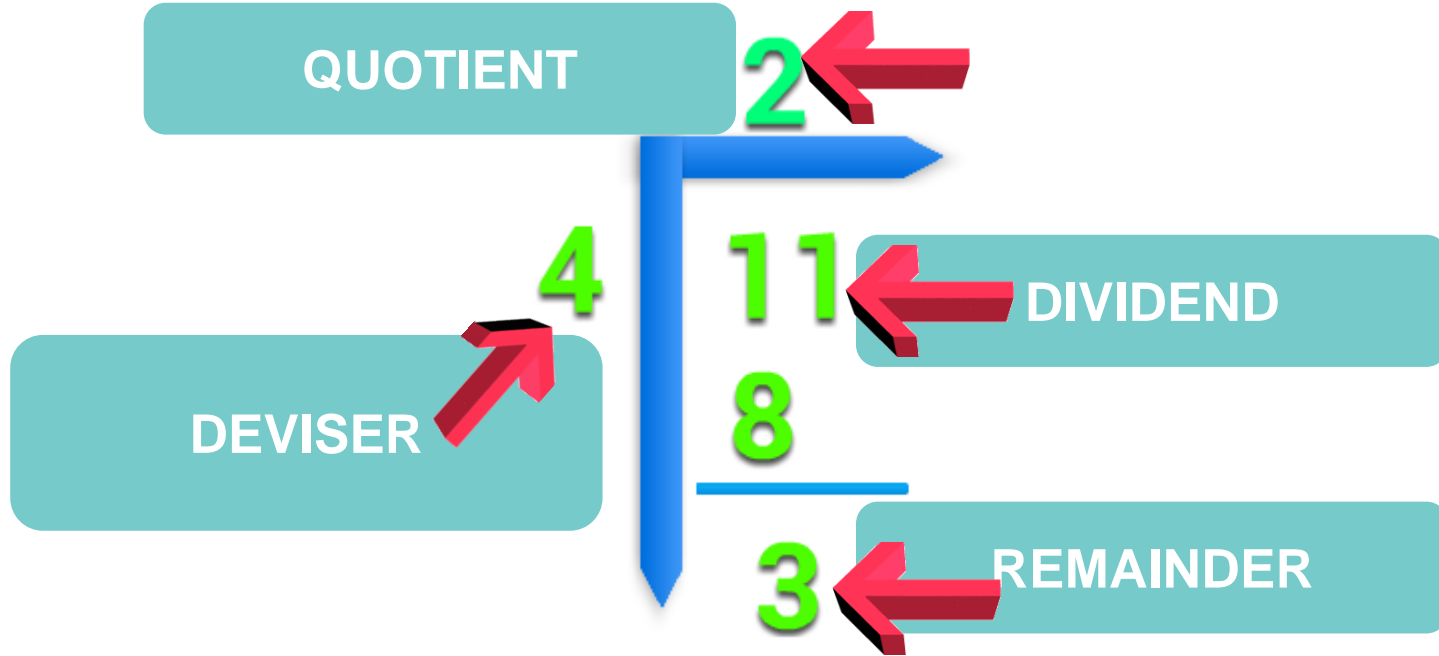
$$1) \quad \underline{24} \div \underline{4} = \underline{6} \text{ books}$$

$$2) \quad \underline{6} \times \underline{4} = \underline{24}$$

$$3) \text{ Each boy gets } \underline{6} \text{ books.}$$



Let's know more about Division

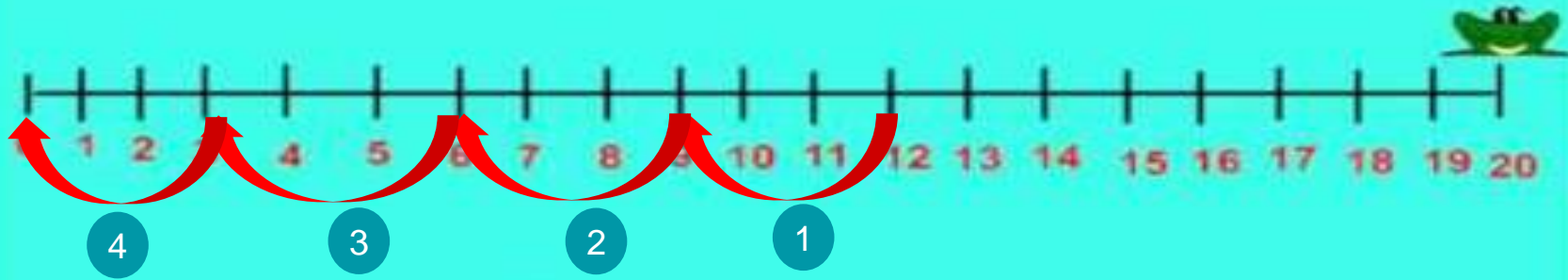


DIVISION ON A NUMBER LINE

Start from 12 and keep on jumping 3 places backward, till you reach 0. Now count how many times you have jumped back.

Example 1: Divide 12 by 3

$$12 \div 3 = \underline{\quad 4 \quad}$$

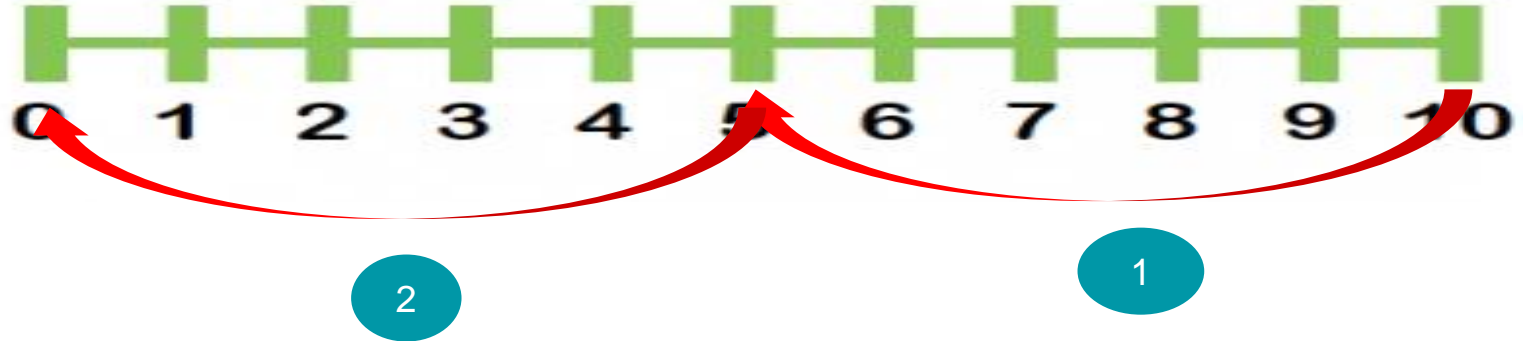


DIVISION ON A NUMBER LINE

Example 2: Divide 10 by 5

Start from 10 and keep on jumping 5 places backward, till you reach 0. Now count how many times you have jumped back.

$$10 \div 5 = 2$$

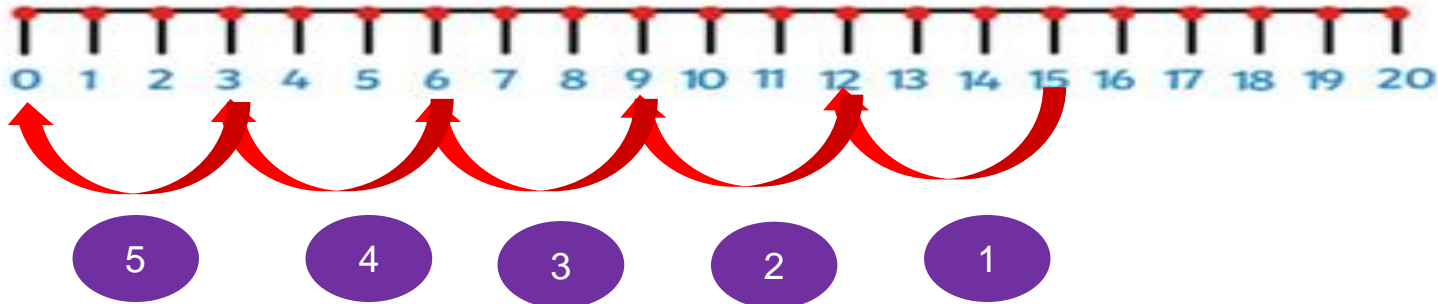


DIVISION ON A NUMBER LINE

Example 3 : Divide 15 by 3

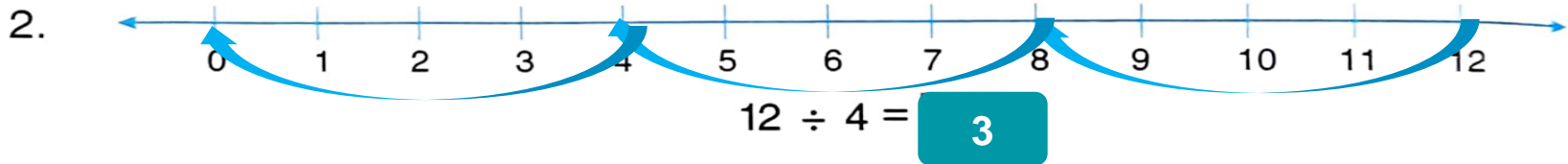
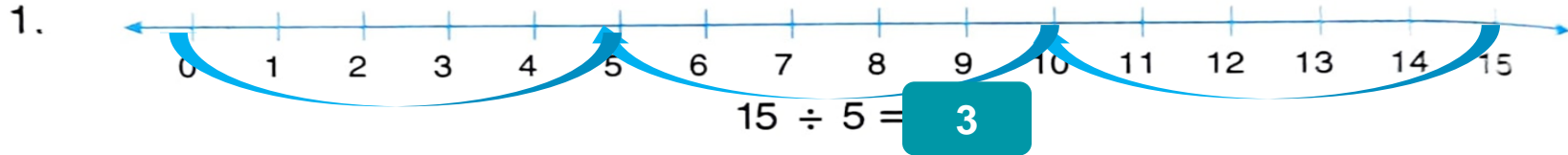
Start from 15 and keep on jumping 3 places backward, till you reach 0. Now count how many times you have jumped back.

$$15 \div 3 = 5$$



Exercise

(a) Complete the divisions using the number line.



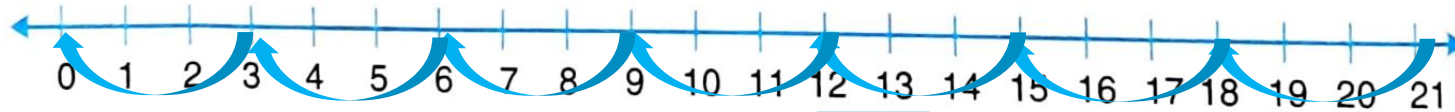
Today's Class Work in note book

3.



$$18 \div 3 = 6$$

4.



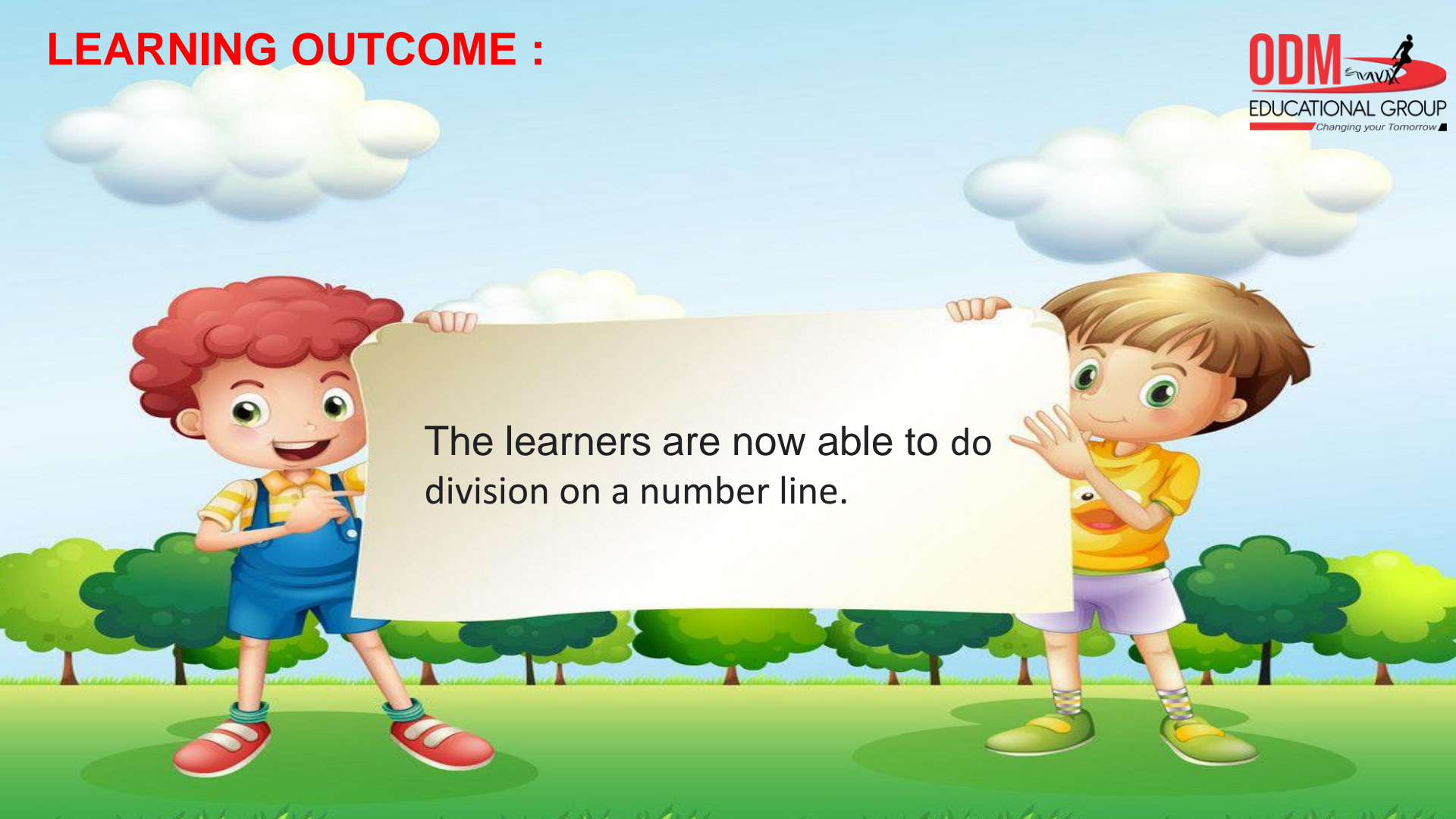
$$21 \div 3 = 7$$

SUB

HOME ASSIGNMENT

Mathematics

LEARNING OUTCOME :



The learners are now able to do
division on a number line.

THANKING YOU
ODM EDUCATIONAL GROUP