

**Class: 3**

**Subject: Mathematics**

**Prepared by Shameema Akhtar**

**Date: 8 /06 / 2020**



## **Chapter: Division**

### **Lecture -1 notes**

At the end of the lesson, we will be able to

- Solve one by one division with the help of times table.
- Solve two by one division with the help of times table.
- Tell if dividend is zero and divisor is another number, then quotient will be zero.
- Tell if divisor is zero then it is not possible to find quotient.

### **What is division?**

Division is the method of distributing a group of things into equal parts.

### **NB:**

- ✓ If we divided a number by zero, answer will be zero.
- ✓ If we divided zero by a number, then it is not possible to find answer.

### **How to solve division**

$$8 \div 2 = ?$$

Read times table 2 and stop where you will get 8.

$$2 \times 1 = 2$$

$$2 \times 2 = 4$$

$$2 \times 3 = 6$$

$$2 \times 4 = 8$$

So, answer will be 4

$$8 \div 2 = 4$$

$8 \div 2 = 4$  means 2 goes 4 times into 8.

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**Another way to solve**

$$\begin{array}{r} 4 \\ 2 \overline{) 8} \\ \underline{8} \\ 0 \end{array}$$

Step 1

Write small number then big number

$$2 \overline{) 8}$$

Step 2

Read times table 2 and stop where you will get 8.

$$2 \times 1 = 2$$

$$2 \times 2 = 4$$

$$2 \times 3 = 6$$

$$2 \times 4 = 8$$

So, answer will be 4

Step 3

Write 8 down 8 then subtract.

$$\begin{array}{r} 4 \\ 2 \overline{) 8} \\ \underline{8} \end{array}$$

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Step 4

Write subtraction result.

$$\begin{array}{r} 4 \\ 2 \overline{) 8} \\ \underline{8} \\ 0 \end{array}$$

Write answer 4 top of 8.

$8 \div 2 = 4$  means 2 goes 4 times into 8.

**Assess your learning**

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**Note 2,3and 4**

**P.T.O**

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Solve the following divisions. Before you solve, also answer which number's multiplication table will be used for the question. Example :  $42 \div 6 = 7$  ;

Multiplication table of 6

(1)  $14 \div 2 =$

(2)  $40 \div 5 =$

(3)  $42 \div 7 =$

(4)  $18 \div 3 =$

(5)  $36 \div 6 =$

(6)  $63 \div 9 =$



They are going to divide biscuits in the box three ways among three.



(1) If there are six biscuits on the plate, how many can they get?



$( \quad ) \div 3 = ( \quad )$

(2) If there are three biscuits on the plate, how many can they get?



$( \quad ) \div 3 = ( \quad )$

(3) If there are zero biscuits on the plate, how many can they get?



$0 \div 3 = 0$



Solve the following calculations

(1)  $0 \div 2 =$

(2)  $18 \div 1 =$

(3)  $0 \div 9 =$

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