

Assignment 4 Date 28/12/21 sub: Mathematics

Class 2

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Lesson Division

points to remember:

* Division means sharing equally or making equal groups .

These 8 lady bugs are equally divided into 2 groups



* Each group has 4 lady bugs

$$2 \) \ 8 \ (\ 4 \quad \text{OR} \quad 8 \div 2 = 4$$

8

0

- Repeated subtraction of the same number is called division.

eg $6 - 2 = 4 - 2 = 2 - 2 = 0$

- This is the sign for division is \div .

- When we divide any number by 1, the quotient is the number itself.

Eg $5 \div 1 = 5$

- When a number is divided by itself, the quotient is always 1.

Eg $5 \div 5 = 1$

- When 0 is divided by any number, the quotient is not possible

Eg $5 \div 0 = \text{not possible}$

- These are the terms of division.

A diagram illustrating the components of a division problem. It shows the long division of 16 by 3. The quotient is 5, the divisor is 3, the dividend is 16, and the remainder is 1. Arrows point from labels to the corresponding parts of the division:

$$\begin{array}{r} \text{quotient} \rightarrow 5 \\ \text{divisor} \rightarrow 3 \overline{) 16} \\ \text{dividend} \nearrow 16 \\ \text{remainder} \rightarrow 1 \end{array}$$

Q1: single digit division without remainder.

Sample

$$\begin{array}{r} 2 \\ 5 \overline{)10} \\ \underline{10} \\ 0 \end{array}$$

$$2 \overline{)8}$$

$$3 \overline{)21}$$

$$6 \overline{)12}$$

$$8 \overline{)16}$$

$$4 \overline{)8}$$

$$3 \overline{)9}$$

$$2 \overline{)2}$$

$$1 \overline{)6}$$

$$5 \overline{)5}$$

$$3 \overline{)15}$$

$$4 \overline{)8}$$

$$4 \overline{)16}$$

$$6 \overline{)30}$$

$$7 \overline{)49}$$

$$9 \overline{)9}$$

Q2 Find the quotient (double digit numbers by single digit without remainder)

1. $7 \overline{)28}$

2. $5 \overline{)40}$

3. $5 \overline{)95}$

4. $2 \overline{)36}$

5. $3 \overline{)78}$

6. $2 \overline{)20}$

7. $8 \overline{)40}$

8. $6 \overline{)42}$

9. $4 \overline{)48}$

10. $7 \overline{)56}$

11. $5 \overline{)30}$

12. $6 \overline{)36}$

13. $9 \overline{)81}$

14. $5 \overline{)50}$

15. $3 \overline{)90}$