



P.3 MATHEMATICS SELF STUDY LESSON NOTES SET 2

Lesson 1

TOPIC: Operations on whole numbers

SUB- TOPIC: Multiplication by 2 and 3

Learning outcomes

By the end of this lesson you should be able to:

- Multiply using repeated addition or grouping.
- Multiply in the correct place values.
- Identify the correct place values of numbers.

Introduction:

- Please recite table 3 two times.
- I hope you had the following values when reciting table 3. If at all you failed, recite it one more time. 3,6,9,12,15,18,21,24,27,30,33,36

Multiplication by 2 and 3

- The result you get after multiplying numbers is called a **product**.
- When they ask you to find the product of numbers, it means you have been asked to multiply the given numbers.
- When multiplying two numbers, the first number represents the number of groups and the second number represents the items in each group.

Examples

1. Multiply 6 x 2.

Solution

$$6 \times 2 = 6 \text{ groups of } 2$$

$$= 2 + 2 + 2 + 2 + 2 + 2$$

$$= 12$$

2. Work out: 4×3

Solution

$4 \times 3 = 4$ groups of 3.

$$= 3 + 3 + 3 + 3$$

$$= 12$$

Multiplying numbers vertically

- Multiplying numbers vertically makes it easy to multiply numbers with more than one digit.
- However, when you get an answer with two digits, remember to carry/regroup the digit under tens to the next place value as we did in addition.

Examples

1. Work out 35×4 .

Solutionside work.

$$\begin{array}{r} 35 \\ \times 4 \\ \hline 140 \end{array}$$

$$4 \times 5 = 20$$

$$3 \times 4 = 12 + 2 \\ = 14$$

-In the first step, multiply 4 by 5 which is in the ones place value.

-It gives you an answer which is 20. Since 20 has two digits, write zero and carry 2 as shown in the example.

Multiply 4 by 3 which is under the tens place value. However, you must add the 2 that you carried to the result. ie, $12 + 2 = 14$. Since you don't have any other digit to carry to, the 14 is then written as it is.

2. A teacher gave out 3 books to each of the 44 pupils in P.3 Red. How many books were given to the whole class?

Solution

$$\begin{array}{r} 44 \\ \times 3 \\ \hline 132 \end{array}$$

Side work

$$4 \times 3 = 12$$

$$4 \times 3 = 12 + 1 \\ = 13$$

Exercise

1. Multiply

$$\begin{array}{r} 27 \\ \times 4 \\ \hline \end{array}$$

2. A book has 48 pages. How many pages do 4 books have?
3. A stool has 3 legs. How many legs do 34 stools have?
4. A girl has 2 ears, how many ears do 15 girls have altogether?
5. Find the value of 3 threes
6. Multiply 33×4
7. Find the product of 12 and 9
8. A pupil walks 3Km every day how many km does the pupil walk in 56 days?
9. Complete the table below.

X	4	8	5	0	7	9
3	_____	_____	_____	_____	_____	_____

LESSON 2

TOPIC: Operations on whole numbers

SUB- TOPIC: Multiplication by 4 and 5 to the place value of thousands.

Learning outcomes

By the end of this lesson, you should be able to:

- Multiply using the correct place value.
- Identify the correct place value of numbers.
- Regroup/carry where necessary.

INTRODUCTION;

- Please recite table 4
- Hopefully your recitation gave you the values as 4, **8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48**. If you failed at any step, recite it again two more times.

Multiply by 4 and 5

Examples

1. Multiply 4675 by 4.

$$\begin{array}{r} 2 \quad 3 \quad 2 \\ 4 \quad 6 \quad 7 \quad 5 \\ \times \qquad \qquad 4 \\ \hline 18 \quad 7 \quad 0 \quad 0 \end{array}$$

2. Find the product of 294 x 4 = 16 + 2

$$\begin{array}{r} 2 \quad 9 \quad 2 \quad 0 \\ \times \qquad \qquad 4 \\ \hline 10 \quad 6 \quad 8 \quad 0 \end{array}$$

Side work

$$\begin{aligned} 5 \times 4 &= 20 \\ 7 \times 4 &= 28 + 2 \\ &= 30 \end{aligned}$$

$$\begin{aligned} 6 \times 4 &= 24 + 3 \\ &= 27 \end{aligned}$$

$$2 \times 4 = 8$$

$$2 \times 4 = 8$$

$$9 \times 4 = 36$$

$$\begin{aligned} 2 \times 4 &= 8 + 2 \\ &= 10 \end{aligned}$$

- Begin by multiplying 4 with the digit in the ones place value. ie, $4 \times 5 = 20$. Write the digit under ones which is 0 and carry 2 to the next place value.
- Multiply through other numbers until the last place value which is thousands.

-Use the guidelines in example 1 to guide you through this example.

Activity

1. Find the product of 4675 and 4
2. What is $1000 \times 4 =$
3. 4 classes contribute money to buy a ball. If each class contributes 7876. How much money was contributed?
4. Find the value of 4 threes
5. A car has three wheels how many wheels do 20 cars?
6. Each child in the class was given 4 books how many books were given to 385 pupils?

7. Our school uses 245 kgs of maize flour in a day. How many kgs of maize flour does the school use in 4 days?
8. A family uses 28 litres of milk daily, how many litres will the family use in 5 days?
9. Work out

$$\begin{array}{r}
 3 \ 5 \ 6 \ 2 \\
 \times \quad \quad 4 \times \quad \quad 5 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 1 \ 2 \ 6 \ 5 \\
 \hline
 \end{array}$$

LESSON 3

TOPIC: Operation on whole numbers

SUB TOPIC: Multiply by 5 and 6 using groups

Learning outcomes

By the end of this lesson, you should be able to:

- Multiply using groups.
- Find the product.

Introduction:

- Multiplication is repeated addition. This means that the product can be obtained by repeatedly adding the items in the formed groups.
- Let's look at table 6 using repeated addition.

$$1 \times 6 = 1 \text{ six} = 6$$

$$2 \times 6 = 2 \text{ sixes} = 6 + 6 = 12$$

$$3 \times 6 = 3 \text{ sixes} = 6 + 6 + 6 = 18$$

$$4 \times 6 = 4 \text{ sixes} = 6 + 6 + 6 + 6 = 24$$

$$5 \times 6 = 5 \text{ sixes} = 6 + 6 + 6 + 6 + 6 = 30$$

$$6 \times 6 = 6 \text{ sixes} = 6 + 6 + 6 + 6 + 6 + 6 = 36$$

$$7 \times 6 = 7 \text{ sixes} = 6 + 6 + 6 + 6 + 6 + 6 + 6 = 42$$

$$8 \times 6 = 8 \text{ sixes} = 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 = 48$$

$$9 \times 6 = 9 \text{ sixes} = 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 = 54$$

$$10 \times 6 = 10 \text{ sixes} = 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 = 60$$

$$11 \times 6 = 11 \text{ sixes} = 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 = 66$$

$$12 \times 6 = 12 \text{ sixes} = 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 = 72$$

Example

1. Work out 8×6 using repeated addition.

solution

8×6 means 8 groups of 6

$$8 \times 6 = 6+6+ 6+ 6 + 6+6+6 + 6$$

$$=48$$

2. Multiply the following

$$\begin{array}{r} \mathbf{2} \quad \mathbf{3} \quad \mathbf{3} \\ 9 \quad 4 \quad 5 \quad 6 \\ \times \qquad \qquad \qquad 6 \\ \hline 5 \quad 6 \quad 7 \quad 3 \quad 6 \end{array}$$

Activity

1. Find the product of 4676 and 6

$$\begin{array}{r} 4\ 6\ 7\ 6 \\ \times\ 6 \\ \hline \\ \hline \end{array}$$

2. work out 4×6 using repeated addition.
3. work out 3×6 using repeated addition.
4. There are 23 pupils in a class. Each pupil is given 6 pencils. How many pencils will they get altogether?

Lesson 4

TOPIC : Operations on whole numbers

SUB- TOPIC: Multiplication by 7 and 8 using groups

Learning outcomes

By the end of the lesson the learner will be able to:

- Identify place values of number.
- Multiply using group of 7 and 8
- Use repeated addition to multiply

Introduction:

- In the previous lesson, we learnt how to multiply using repeated addition using groups of 6.
- Let us learn another grouping of 7 and 8.

Multiples by 7 and 8 using groups and repeated addition

- Remember, the first number represents the number of groups and the second number represents the items in each group.

$$1 \times 7 = 1 \text{ group of seven} = 7$$

$$2 \times 7 = 2 \text{ groups of seven} = 7 + 7 = 14$$

$$3 \times 7 = 3 \text{ groups of seven} = 7 + 7 + 7 = 21$$

$$4 \times 7 = 4 \text{ groups of seven} = 7 + 7 + 7 + 7 = 28$$

$$5 \times 7 = 5 \text{ groups of seven} = 7 + 7 + 7 + 7 + 7 = 35$$

$$6 \times 7 = 6 \text{ groups of seven} = 7 + 7 + 7 + 7 + 7 + 7 = 42$$

$$7 \times 7 = 7 \text{ groups of seven} = 7 + 7 + 7 + 7 + 7 + 7 + 7 = 49$$

$$8 \times 7 = 8 \text{ groups of seven} = 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 = 56$$

$$9 \times 7 = 9 \text{ groups of seven} = 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 = 63$$

$$10 \times 7 = 10 \text{ groups of seven} = 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 = 70$$

$$11 \times 7 = 11 \text{ groups of seven} = 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 = 77$$

$$12 \times 7 = 12 \text{ groups of seven} = 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 = 84$$

Multiply by 8

$$1 \times 8 = 1 \text{ group of eight} = 8$$

$$2 \times 8 = 2 \text{ groups of eight} = 8 + 8 = 16$$

$$3 \times 8 = 3 \text{ groups of eight} = 8 + 8 + 8 = 24$$

$$4 \times 8 = 4 \text{ groups of eight} = 8 + 8 + 8 + 8 = 32$$

$$5 \times 8 = 5 \text{ groups of eight} = 8 + 8 + 8 + 8 + 8 = 40$$

$$6 \times 8 = 6 \text{ groups of eight} = 8 + 8 + 8 + 8 + 8 + 8 = 48$$

$$7 \times 8 = 7 \text{ groups of eight} = 8 + 8 + 8 + 8 + 8 + 8 + 8 = 56$$

$$8 \times 8 = 8 \text{ groups of eight} = 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 = 64$$

$$9 \times 8 = 9 \text{ groups of eight} = 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 = 72$$

$$10 \times 8 = 10 \text{ groups of eight} = 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 = 80$$

$$11 \times 8 = 11 \text{ groups of eight} = 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 = 88$$

$$12 \times 8 = 12 \text{ groups of eight} = 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 = 96$$

Activity

1. Find the product of 4316 and 7

$$\begin{array}{r} 4\ 3\ 1\ 6 \\ \times \qquad\qquad 7 \\ \hline \\ \hline \end{array}$$

2. Multiply 2509 x 8
3. Find the product of 1210 and 8
4. Eight buses were used to take children for a trip. If each bus carried 35 pupils, how many pupils went for the trip altogether?
5. How many days are there in 74 weeks?
6. Multiply 2 x 8 using repeated addition

LESSON 5

TOPIC : Operations on whole numbers

SUB- TOPIC: Multiplication by 9 and 10 using groups

Learning outcomes

By the end of this lesson, you should be able to:

- Identify place values of number.
- Multiply a 4-digit number by 9.
- Interpret and solves word application.

Introduction:

- Please recite table 9
- Hopefully your recitation gave you the values as 9, **18, 27, 36, 45, 54, 63, 72, 81, 90,99, 108**. If you failed at any step, recite it again two more times.

Multiples by 9 and 10

Examples

1. Multiply 42 by 9.

$$\begin{array}{r} 1 \\ 42 \\ \times 9 \\ \hline 378 \end{array}$$

Side work

$$\begin{array}{l} 2 \times 9 = 18 \\ 4 \times 9 = 36 + 1 \\ = 37 \end{array}$$

-Remember, multiplication starts from the ones place value.

-When you get a two-digit answer, eg $2 \times 9 = 18$, write the digit under ones (8) and carry the one under tens (1).

-Repeat the calculations throughout all the place values

2. Multiples by 10 using groups and repeated addition

$$1 \times 9 = 1 \text{ group of nine} = 9$$

$$2 \times 9 = 2 \text{ groups of nine} = 9 + 9 = 18$$

$$3 \times 9 = 3 \text{ groups of nine} = 9 + 9 + 9 = 27$$

$$4 \times 9 = 4 \text{ groups of nine} = 9 + 9 + 9 + 9 = 36$$

$$5 \times 9 = 5 \text{ groups of nine} = 9 + 9 + 9 + 9 + 9 = 45$$

$$6 \times 9 = 6 \text{ groups of nine} = 9 + 9 + 9 + 9 + 9 + 9 = 54$$

$$7 \times 9 = 7 \text{ groups of nine} = 9 + 9 + 9 + 9 + 9 + 9 + 9 = 63$$

$$8 \times 9 = 8 \text{ groups of nine} = 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 = 72$$

$$9 \times 9 = 9 \text{ groups of nine} = 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 = 81$$

$$10 \times 9 = 10 \text{ groups of nine} = 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 = 90$$

$$11 \times 9 = 11 \text{ groups of nine} = 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 = 99$$

$$12 \times 9 = 12 \text{ groups of seven} = 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 = 108$$

Multiples by 10 using groups and repeated addition

$$1 \times 10 = 1 \text{ group of ten} = 10$$

$$2 \times 10 = 2 \text{ groups of ten} = 10 + 10 = 20$$

$$3 \times 10 = 3 \text{ groups of ten} = 10 + 10 + 10 = 30$$

$$4 \times 10 = 4 \text{ groups of ten} = 10 + 10 + 10 + 10 = 40$$

$$5 \times 10 = 5 \text{ groups of ten} = 10 + 10 + 10 + 10 + 10 = 50$$

$$6 \times 10 = 6 \text{ groups of ten} = 10 + 10 + 10 + 10 + 10 + 10 = 60$$

$$7 \times 10 = 7 \text{ groups of ten} = 10 + 10 + 10 + 10 + 10 + 10 + 10 = 70$$

$$8 \times 10 = 8 \text{ groups of ten} = 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = 80$$

$$9 \times 10 = 9 \text{ groups of ten} = 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = 90$$

$$10 \times 10 = 10 \text{ groups of ten} = 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = 100$$

$$11 \times 10$$

$$12 \times 10 = 12 \text{ ten} = 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = 120$$

Activity

1. Multiply

$$\begin{array}{r} 36 \\ \times 9 \\ \hline \\ \hline \end{array}$$

$11 \times 10 = \underline{\quad}$

$$\begin{array}{r} 365 \\ \times 9 \\ \hline \\ \hline \end{array}$$

2. How many pages do 9 exercise books have if one book has 36 pages?

3. How many days are there in 74 weeks

4. Multiply

$$\begin{array}{r} 245 \\ \times 10 \\ \hline \\ \hline \end{array}$$

5. Multiply using 3 X9 using repeated addition

LESSON 6

Topic : Operations on whole numbers

SUB- TOPIC: Multiplication using a web

Learning outcomes

By the end of the lesson, you should be able to:

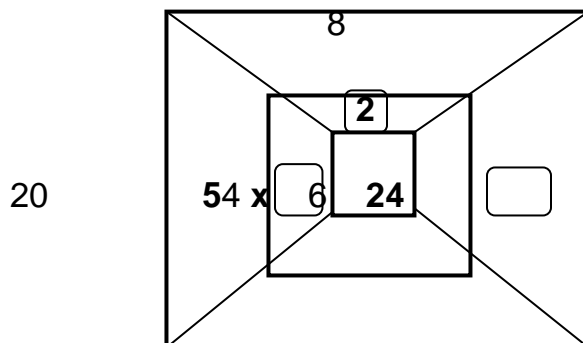
- Identify the group on a web.
- Multiply to get the answer.
- Interpret and complete the web.

Introduction:

- Recite table 5
- Hopefully your recitation gave you the values as **5,10, 15, 20, 25,30, 35, 40, 45,50, 55, 60**
- If you failed at any step, recite it again two more times.

Multiplication on a web

- On a multiplication web, the **outer part** represents **the product**.
- Remember, **the product** is the answer got after **multiplying**.
- The **inner part** represents **the multiplication table** that is being focused on. This is also the grouping done during the multiplication.
- The middle part represents **the items** that are to be put in the groups as given in the middle part.



4

16



$$4 \times 6 = 24$$

$$4 \times 4 = 16$$

$$4 \times \square = 20$$

$$\square = 20 \div 4$$

$$\square = 5$$

- To get the **outer value** multiply the **inner number** with the **middle number**. E.g. $4 \times 6 = 24$

- To get the **middle number**, divide the **outer value** with the **inner number**. E.g. $8 \div 4 = 2$

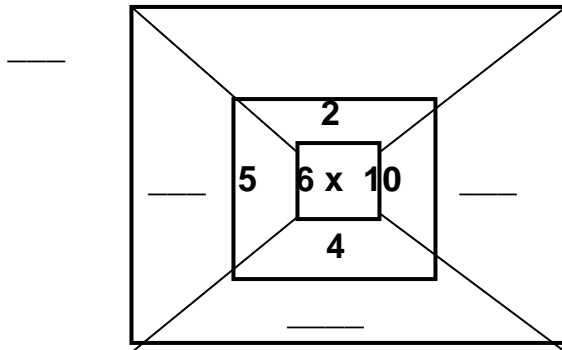
$$4 \times \square = 8$$

$$\square = 8 \div 4$$

$$\square = 2$$

Activity

Find the missing number in the diagram below



LESSON 7

TOPIC : Operation on whole numbers

SUB- TOPIC: Division by 2 or 3

Learning outcomes

By the end of this lesson, you should be able to:

- Identify the place value of numbers.
- Divide numbers correctly.
- Divide using long division.

Introduction:

- Recite table 2 and table 3.
- Tables help to make division easy.
- Before you start the division, it is always important to list the multiples of the divisor.
- In an expression such as $12 \div 4 = 3$: 12 is called **the dividend**, 4 is called **the divisor** and 3 is called **the quotient**.
- The dividend is the number that is to be shared.
- The divisor is the number that is sharing

Dividing by 2 or 3 using long division

Example

1. Divide $26 \div 2$

$$\begin{array}{r} 13 \\ 2 \overline{) 26} \\ \underline{1 \times 2} \\ 06 \end{array}$$

$\div \times -$

$$2 \div 2 = 1$$

$$6 \div 2 = 3$$

-
- From the question given, 26 is the dividend and 2 is the divisor. The divisor (2) is put outside the long division symbol and the dividend (26) is written outside.
 - When using long division, we divide digit by digit. i.e. for the first step, divide 2 by 2 = 1. The result is written above 2. Multiply the result (1) by the divisor as shown in the example.
 - Subtract the product you got from the first digit you divided. Drag down the next digit divide it by the

$$3 \times 2 = 6$$

$$0$$

2. Work out $93 \div 3$

3 0	
$\begin{array}{r} 3 \overline{) 93} \\ 3 \times 3 \quad -9 \\ \hline 03 \end{array}$	$\div, \times, -$ $9 \div 9 = 3$ $3 \div 3 = 0$

$$1 \times 3 = \underline{\quad} 3$$

$$0$$

Example 3

8 pupils divided 56 oranges equally among themselves. How many oranges did he get?

0 7	
$\begin{array}{r} 8 \overline{) 56} \\ 0 \times 8 \quad -0 \\ \hline 56 \\ 7 \times 8 \quad -56 \\ \hline 00 \end{array}$	$\div, \times, -$ $5 \div 8 = 0$ $56 \div 8 =$

- You need to note that any small dividend divided by a big divisor.
- Therefore, $5 \div 8 = 0$ remainder 5. Write zero above 5 and multiply it by the divisor. Subtract the result from 5. Drag down 6 such that you get 56.
- Using table 8, find out the number you multiply by 8 to give you 56 and this will be 7. Therefore $56 \div 8 = 7$.
- Multiply the result by 8 to give you 56 which you must subtract from 56 to give you zero.

Exercise

1. Divide $840 \div 2$
2. Divide 231 by 3
3. Share 524 oranges equally : each child get?
4. Share 80 oranges equally among 4 children. How many oranges does each child get?
5. Divide $18 \div 3$

LESSON 8

TOPIC: Operations on the whole number

SUB- TOPIC: Division of numbers using repeated subtraction

Learning outcomes

By the end of this lesson, you should be able to

- Divide numbers using repeated subtraction.
- Interprets and solves word application.

Introduction:

- Recite table 3.
- Your results should be **3,6,9,12,15,18,21,24 27, 30**. In case you fail at any step, recite it again

Division of whole numbers using repeated subtraction.

- Repeated subtraction means that you should subtract the divisor from the dividend until the last result is zero.
- To get the answer, count the number of subtractions done up to when you got zero as your result.

Example

1. Divide: $9 \div 3$, Using repeated subtraction

Solution

$$9 \div 3 = 6 \dots\dots\dots 1^{\text{st}}$$

$$6 - 3 = 3 \dots\dots\dots 2^{\text{nd}}$$

$$3 - 3 = 0 \dots\dots\dots 3^{\text{rd}}$$

$9 \div 3 = 3$ because we subtract 3 times.

Activity

Divide the numbers using repeated subtraction

1. $12 \div 4$
2. $4 \div 2$
3. $8 \div 2$
4. $6 \div 3$
5. $6 \div 2$

LESSON 9

TOPIC: Operation on whole numbers

SUB-TOPIC: Division with a remainder

Learning outcomes

By the end of the lesson, you should be able to

- Divide number with a remainder.
- Work out all the steps of long division.

Long division with a remainder

- Some numbers are not exactly divisible by the given divisor whereby a remainder will be noted after division.
- However, the steps we learnt in lesson 7 and 8 remain the same to be followed. Remember, we divide digit by digit.

Examples

1. Divide; $847 \div 3$

$\begin{array}{r} 282 \text{ rem } 1 \\ 3 \overline{) 847} \\ \underline{2 \times 3} \\ 24 \\ \underline{8 \times 3} \\ 007 \end{array}$	Side work $8 \div 3 = 2 \text{ rem } 2$ $24 \div 3 = 8$ $7 \div 3 = 2$
$2 \times 3 = \underline{6}$	

-
- The first step is to divide 8 by 3. In table 3, we don't have multiple 8 and in this case, we look for the nearest multiple which is 6. Get the number that you multiply 3 to give you 6 and that is 2.
 - Write 2 above 8 and multiply it by 3 to give you 6. Subtract 6 from 8. This time round, you will get 2 which is the remainder. Drag down 4 to make the figure below 24.

2. Share 128 sweets among 7 children.

$\begin{array}{r} 018 \text{ rem } 2 \\ 7 \overline{) 128} \\ \underline{0 \times 7} \\ 012 \\ \underline{01 \times 7} \\ 058 \\ \underline{05 \times 7} \\ 008 \\ \underline{001 \times 7} \\ 001 \end{array}$	$\div, \times, -$ $1 \div 7 = 0$ $12 \div 7 = 1$ $58 \div 7 =$
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- Follow through the steps given in example one to guide you in example 2.
 - Remember, we divide digit by digit. And also, any small dividend divided by a bigger divisor gives zero as a quotient.

$$\begin{array}{r}
 1 \times 7 = \underline{\quad} - 7 \\
 5 \\
 8 \times 7 = \underline{\quad} - 5 \\
 2
 \end{array}$$

Activity

1. Divide $503 \div 3$
2. Share 289 oranges equally among 4 children. How many oranges does each child get?
3. Divide $178 \div 5$
4. Share 238 mangoes equally among 5 children. How many mangoes does each child get?
5. Work out $25 \div 5$ using repeated subtraction.

LESSON 10

TOPIC: Operation of the whole number

SUB- TOPIC: Relationship between division and multiplication

Learning outcomes

By the end of the lesson, you should be able to

- Identify the relationship between multiplication and division.
- Divide or multiply to get the missing numbers.

Introduction:

- Recite table 4 two times
- Your results must be **4,8, 12,16,20,24,28,32,36,40,44,48**

Filling in the missing numbers

Remember,

- In an expression such as $12 \div 4 = 3$: 12 is called **the dividend**, 4 is called **the divisor** and 3 is called **the quotient**.
- The dividend is the number that is to be shared.
- The divisor is the number that is sharing

5 x 8 = 40

$\square \div 5 = 8$
Solution
 $\square \div 5 = \square$
 $= 8 \times 5$
 $\square = 40$

$\square \div 8 = 5$
 $\square = 8 \times 5$
 $\square = 40$

- To get the dividend, multiply the divisor by the product. ie,
 $\square = 8 \times 5 = 40$

Activity

1. Study the figures below and use it them to find the missing numbers

a)

5 x 4 = 20

$\square \div 4 = 5$

$\square \div 5 = 20$

b)

$$7 \times 10 = 70$$

$$\square \div 10 = 7$$

$$\square \cdot 7 = 10$$

6. Share 560 oranges equally among 5 children how many oranges did each child get?