

### P.3 Mathematics

#### LESSON ONE WEEK FIVE

#### MULTIPLICATION OF WHOLE NUMBERS

#### Multiplying by a one digit without regrouping

#### Teaching learning activity

- Recognizing that we multiply beginning from the side of ones to tens from right to left

#### Example

1. Multiply :

T	O
3	3
X	2
<hr/>	
6	6

T	O
4	2
X	2
<hr/>	
8	4

#### Multiplication of two digits by one with regrouping

#### Example

T	O
4	6
x	2
<hr/>	
9	2

$$6 \times 2 = 12$$

$$(4 \times 2) + 1 = 9$$

#### Exercise

1. Multiply the following numbers correctly.
- |                   |                   |
|-------------------|-------------------|
| a) $134 \times 4$ | d) $980 \times 6$ |
| b) $286 \times 7$ | e) $157 \times 8$ |
| c) $570 \times 2$ |                   |

### LESSON TWO

#### Multiplication of a 2 – digit number by a 2 digit number without regrouping

Examples

(1) Multiply:

	H	T	O
		1	4
X		1	2
<hr/>			
		2	8
	-	1	4
<hr/>			
	1	6	8



3. A farmer collects 124 eggs everyday from his farm. How many eggs does he collect in a week?

$$\begin{array}{r}
 124 \\
 \times 7 \\
 \hline
 868 \\
 \hline
 \hline
 \end{array}$$

**He collected 868 eggs in a week.**

### Exercise

1. A teacher marks 159 books a day. How many books does a teacher mark in 5 days?
2. A school uses 246kgs of meat a day. How many kgs does the school use in a week?
3. A car uses 2462 litres of petrol every day. How many litres of petrol will the car use in one week?
4. A doctor works on 78 patients every day. How many patients will the doctor work on in February 2019?

## LESSON FIVE

### Division of natural numbers by one digit number

- Teaching learning activity
- Reciting multiplication tables up to 9

#### Examples

1. Divide 26 by 2

$$\begin{array}{r}
 13 \\
 2\overline{)26} \\
 1 \times 2 = \underline{-2} \\
 06 \\
 2 \times 3 = \underline{-6} \\
 0
 \end{array}$$

x	2
1	2
2	4
3	6
4	8

2. Workout:  $52 \div 2 =$

$$\begin{array}{r}
 26 \\
 2\overline{)52} \\
 2 \times 2 = \underline{-4} \downarrow \\
 12 \\
 2 \times 6 = \underline{-12} \\
 00
 \end{array}$$

x	2
1	2
2	4
3	6
4	8
5	10
6	12

### Exercise

Use long division to work out the following.

1.  $184 \div 2$
2.  $1532 \div 2$
3.  $306 \div 2$
4.  $90 \div 5$
5.  $670 \div 5$