

Lesson Plan

Name of Teacher	Primary Math	Class	Grade 5
Term	1	Subject	Math
Date	Week 7 Oct 10. – Oct 14.	Topic	Multiply a Number by a Whole Number
Period	4	Chapter/ Section	2.3.2

Learning Objectives (Points)/ Target concepts	Resources Required	Diary
<ul style="list-style-type: none"> Do quick math W7T1 Multiply a number by a fraction – a) explain example 1 and b) Solve Activity 1 Recap the lesson 	<ul style="list-style-type: none"> IWB ILS Textbook page 66 and 67 Copybook Diary Tablet 	S: Math MC: S2.3.2 LP3 Textbook page 66/67 HA: Revise MC Due: Thursday

Teaching Steps (intro, steps, wrap-up) & time needed for each point

1. Prepare the points, slides and the diary on the board and instruct students to write their diary **5mins**
2. Do quick math and allow students to correct for their partner **4 + 1 = 5mins**
3. Send the explanation via ILS and allow students to drill **5mins**

Express the whole number as an improper fraction with a denominator of 1 and multiply as with proper fractions.

- When appropriate, express your answer as a mixed number.
- Always express your answer in its simplest form.

Example 1

Multiply $4 \times \frac{3}{8}$.

Solution

$$4 \times \frac{3}{8} = \frac{4^1}{1} \times \frac{3}{8}$$

$$= \frac{3}{2}$$

As a mixed number, $\frac{3}{2} = 1\frac{1}{2}$.

4. Explain example 1 interactively to students **8mins**
 5. Allow students to solve independently **10mins**
- Heading:** S2.3.2 Activity 1 TB page 66

Activity 1

Multiply, expressing your answer in lowest terms.

a) $3 \times \frac{4}{9} = \frac{3^1}{1} \times \frac{4}{9}$

$$= \frac{4}{3}$$

$$= 1\frac{1}{3}$$

b) $9 \times \frac{5}{27} = \frac{9^1}{1} \times \frac{5}{27}$

$$= \frac{5}{3}$$

$$= 1\frac{2}{3}$$

c) $6 \times \frac{1}{24} = \frac{6^1}{1} \times \frac{1}{24}$

$$= \frac{1}{4}$$

d) $\frac{4}{5} \times 40 = \frac{4}{5} \times \frac{40^1}{1}$

$$= 32$$

Multiply, expressing your answer in lowest terms.

e) $\frac{3}{10} \times 800 = \frac{3}{10} \times \frac{800^1}{1}$

$$= 240$$

f) $\frac{1}{6} \times 54 = \frac{1}{6} \times \frac{54^1}{1}$

$$= 9$$

6. Correct the activity interactively **10mins**
7. Recap the lesson **2mins**

Questions (Please try to use open-ended, critical thinking questions)

How many minutes are $\frac{5}{6}$ of an hour?

Real life examples/ Link to UAE

Rashed has 240 marbles. One third are green. How many are not green?

Misconceptions/ Poorly answered concepts

Review the poorly answered questions from the CA W6T1

Additional Comments e.g. steps not covered