

4

Learning Activity Sheet for Mathematics

Quarter 3

Lesson

2

Worksheet for Mathematics Grade 4
Quarter 3: Lesson 2 (Week 2)
SY 2024-2025

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LEARNING ACTIVITY SHEET

Learning Area:	Mathematics	Quarter:	3
Lesson No.:	2	Date:	
Lesson Title/ Topic:	Identifying multiples of given numbers up to 100		
Name:		Grade & Section:	

- I. Activity No.1:** Multiples of Given Numbers up to 100
- II. Objective(s):** Identify multiples of given numbers up to 100.
- III. Materials Needed:** paper and pen
- IV. Instructions:**
- A. List the multiples of each of the given numbers up to 100. Then identify the common multiples of each set.

No.	Given Number	Multiples	Common Multiple/s
1	5		
	7		
2	15		
	25		
3	4		
	6		
	8		
4	6		
	9		
5	18		
	24		
	12		

B. Analyze and solve the given word problem. Show the necessary solution.

What is the shortest height at which three stacks of boxes, 9 inches, 12 inches, and 18 inches, will be equal?

How to score?

2 points – accurate solution

1 point – correct answer

LEARNING ACTIVITY SHEET

Learning Area:	Mathematics	Quarter:	3
Lesson No.:	2	Date:	
Lesson Title/ Topic:	Using multiples of a given number up to 100 in determining equivalent fractions		
Name:		Grade & Section:	

I. Activity No.2: Determining Equivalent Fractions

II. Objective(s): Determine equivalent fractions

III. Materials Needed: paper and pen

IV. Instructions: Answer the following.

A. Give any five fractions equivalent to the given fraction. Limit your answer to fractions whose numerator and denominator are up to 100 only.

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

2. $\frac{7}{9} =$

3. $\frac{11}{8} =$

4. $\frac{6}{7} =$

5. $\frac{1}{12} =$

B. Using cross multiplication, check whether the fractions are equivalent or not. Put a check mark (/) on the blank if the cross products are equal and cross (x) if not.

1. $\frac{1}{5} = \frac{4}{24}$ _____

2. $\frac{2}{7} = \frac{16}{56}$ _____

3. $\frac{9}{10} = \frac{63}{70}$ _____

4. $\frac{18}{15} = \frac{3}{2}$ _____

5. $\frac{6}{13} = \frac{18}{39}$ _____

LEARNING ACTIVITY SHEET

Learning Area:	Mathematics	Quarter:	3
Lesson No.:	2	Date:	
Lesson Title/ Topic:	Factoring a given number up to 100		
Name:		Grade & Section:	

- I. Activity No.3:** Factors of Given Numbers
- II. Objective(s):** Find all the factors of a given number up to 100.
- III. Materials Needed:** paper and pen
- IV. Instructions:** List the factors of each of the given numbers. Then identify the common factors of each set.

No.	Given Number	Factors	Common Factor/s
1	9		
	21		
2	22		
	7		
3	48		
	32		
4	16		
	20		
	28		
5	25		
	50		
	75		

LEARNING ACTIVITY SHEET

Learning Area:	Mathematics	Quarter:	3
Lesson No.:	2	Date:	
Lesson Title/ Topic:	1. Identifying multiples of given numbers up to 100 2. Using multiples of a given number up to 100 in determining equivalent fractions 3. Factoring a given number up to 100		
Name:		Grade & Section:	

I. Activity No.4: Factors, Multiples, and Equivalent Fractions

II. Objective(s): At the end of the activity, the pupils are able to:

- determine equivalent fractions;
- identify the multiples of given numbers up to 100; and
- find all the factors of a given number up to 100.

III. Materials Needed: paper and pen

IV. Instructions:

I. Complete the table.

No.	Given Number	Multiples up to 100	Common Multiple/s	Factors	Common Factor/s
1	6				
	9				
2	14				
	28				
3	12				
	18				
	36				
4	9				
	8				
5	10				
	20				
	30				

II. Fill in the missing number to make the fractions equivalent.

$$1. \frac{1}{8} = \frac{2}{\quad} = \frac{3}{32} = \frac{5}{48}$$

$$2. \frac{5}{12} = \frac{10}{\quad} = \frac{15}{\quad} = \frac{20}{60} = \frac{30}{\quad}$$

$$3. \frac{4}{3} = \frac{\quad}{9} = \frac{\quad}{15} = \frac{8}{\quad} = \frac{16}{30}$$

$$4. \frac{\quad}{5} = \frac{6}{10} = \frac{9}{20} = \frac{15}{\quad} = \frac{18}{\quad}$$

$$5. \frac{2}{7} = \frac{20}{63} = \frac{\quad}{42} = \frac{6}{\quad} = \frac{4}{\quad}$$

III. Determine if the fractions are equivalent through cross multiplication. Put a (/) if fractions are equivalent and (x) if not.

	Fractions	Equivalent or Not Equivalent
1.	$\frac{15}{25}$ and $\frac{10}{15}$	
2.	$\frac{8}{24}$ and $\frac{1}{4}$	
3.	$\frac{9}{18}$ and $\frac{10}{20}$	
4.	$\frac{12}{11}$ and $\frac{48}{44}$	
5.	$\frac{14}{9}$ and $\frac{42}{27}$	