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DepED
DEPARTMENT OF EDUCATION

Learning Activity Sheet for Mathematics

Quarter 3
Lesson
1

Worksheet for Mathematics Grade 4
Quarter 3: Lesson 1 (Week 1)
SY 2024-2025

Development Team

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LEARNING ACTIVITY SHEET

Learning Area:	Mathematics	**Quarter:**	3
Lesson No.:	1	**Date:**	
Lesson Title/ Topic:	Modelling Dissimilar Fractions with Denominators up to 10		
Name:		**Grade & Section:**	

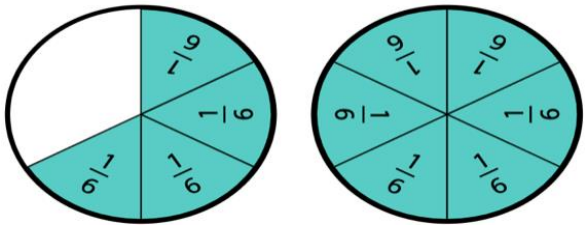
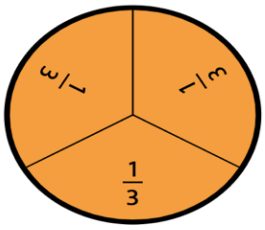
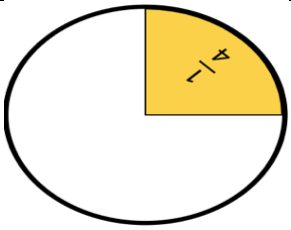
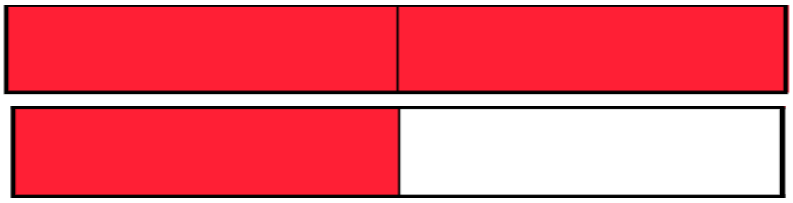
I. **Activity No.1:** Modelling Dissimilar Fractions with Denominators up to 10

II. **Objective(s):** Represent dissimilar fractions, with denominators up to 10, using models.

III. **Materials Needed:** ruler, protractor, pen, coloring materials

IV. **Instructions:** Complete the table below. For numbers 1 -3, illustrate each set of fractions by drawing any of the following: (a) fraction bars/strips, (b) fraction discs/circles, (c) number lines. For numbers 4 -5, given the fraction models, name the set of dissimilar fractions.

No	Dissimilar Fractions	Fraction Model
1	$\frac{8}{6}$	
	$\frac{2}{3}$	
	$\frac{7}{9}$	
2	$\frac{3}{2}$	
	$\frac{6}{8}$	
3	$1\frac{1}{4}$	
	$\frac{2}{2}$	
	$\frac{1}{5}$	

4		
		
		
5		
		
		
		

LEARNING ACTIVITY SHEET

Learning Area:	Mathematics	**Quarter:**	3
Lesson No.:	1	**Date:**	
Lesson Title/ Topic:	Modelling equivalent fractions		
Name:		**Grade & Section:**	

I. **Activity No.2:** Modelling Equivalent Fractions

II. **Objective(s):** Generate equivalent fractions using models.

III. **Materials Needed:** ruler, protractor, pen, coloring materials

IV. **Instructions:** Choose from the box the fraction/s equivalent to the given fraction. Then, draw each of them using either fraction strips/bars, fraction disks/circle, or number line. Use the table provided to organize your answers.

$\frac{3}{2}$ $\frac{8}{10}$ $\frac{10}{12}$ $\frac{3}{12}$ $\frac{4}{6}$ $\frac{1}{4}$

No.	Fraction Model to be used	Given Fraction	Equivalent Fraction
1	Fraction disks/circles	$\frac{2}{3}$ Model:	_____ Model:
2	Fraction bars/strips	$\frac{5}{6}$ Model:	_____ Model:

3	Number line	$\frac{4}{5}$ Model:	_____ Model:
4	Fraction bars/strips	$\frac{2}{8}$ Model:	_____ Model:
5	Number line	$\frac{6}{4}$ Model:	_____ Model:

LEARNING ACTIVITY SHEET

Learning Area:	Mathematics	**Quarter:**	3
Lesson No.:	1	**Date:**	
Lesson Title/ Topic:	Modelling Dissimilar Fractions with Denominators up to 10 Modelling equivalent fractions		
Name:		**Grade & Section:**	

I. **Activity No.3:** Modelling Dissimilar Fractions and Modelling Equivalent Fractions

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

a. represent dissimilar fractions, with denominators up to 10, using models; and

b. generate equivalent fractions using models.

III. **Materials Needed:** Ruler, protractor, pen, coloring materials

IV. **Instructions:** Draw/model the fractions using fraction bars/strips, fraction circles/disks, and number lines. Then, determine whether these fractions are equivalent or not. Put a check (/) if the fractions are equivalent and (x) if they are not.

No.	Fraction	Fraction Model	Equivalent/ Not Equivalent
1	$\frac{2}{12}$ $\frac{3}{8}$ $\frac{6}{5}$	Using Fraction Circles/Disks	
2	$\frac{7}{10}$ $\frac{4}{5}$ $\frac{9}{12}$	Using Fraction Strips/Bars	

3	$\frac{4}{3}$ $\frac{8}{6}$	Using Number Line	
4	$\frac{10}{15}$ $\frac{2}{3}$ $\frac{4}{6}$	Using Number Line	
5	$\frac{3}{6}$ $\frac{3}{8}$ $\frac{3}{2}$	Using Fraction Disks/Circles	