4

Mathematics 4
Microlearning Module

QUARTER 3 – Module 1

Representing Dissimilar Fractions, with Denominators up to 10, Using Models.

Microlearning Module

REGION XII - DIVISION OF SULTAN KUDARAT

Mathematics 4
Microlearning Module (MLM)
Quarter 3 – Module 1: Representing Dissimilar Fractions, with Denominators up10 using Models.
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MICROLEARNING MODULE

Name: _____Grade & Sec: _____ Score: _____
Subject: _____Quarter: 3 MLM No. 1
Teacher: _____
Competency: Represent dissimilar fractions, with denominators up to 10, using models

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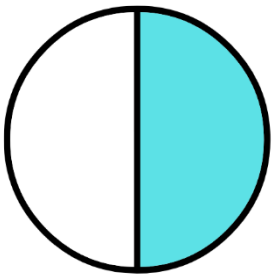
A. Look Back!

Directions: Perform the indicated operation on similar fractions and mixed numbers.

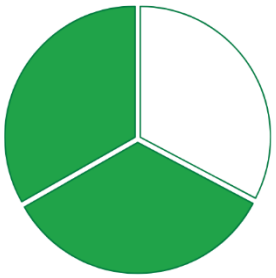
1. $\frac{5}{7} + \frac{3}{7} =$
2. $3\frac{2}{9} - 1\frac{4}{9} =$
3. $\frac{3}{8} + \frac{5}{8} =$
4. $9 - \frac{2}{4} =$
5. $6 + 8\frac{3}{4} =$

B. What's New?

Directions: Analyze the figures below and write the fractional value of the shaded part.

1. 
_____

2. 
_____

3. 
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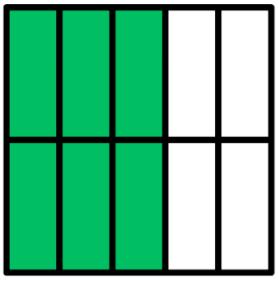
4. 
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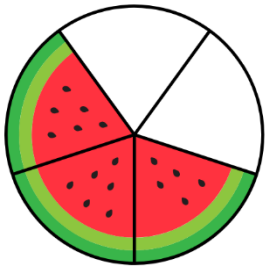
5. 
_____

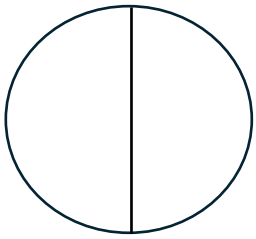
C. What Is It?

Dissimilar Fractions are fractions with different denominators or if the denominators are not equal. Example: $\frac{3}{4}$, $\frac{1}{2}$, $\frac{4}{7}$, and $\frac{2}{3}$ are dissimilar fractions.

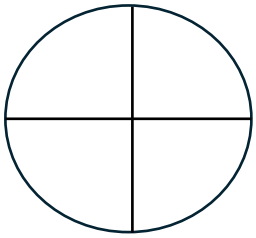
Using models, fractions can easily be identified. This can be done by simply counting the shaded part of the given figure, then writing it as the numerator of the fraction then counting all the parts of the figure, and then writing it as the denominator of the fraction.

D. Let's Try!

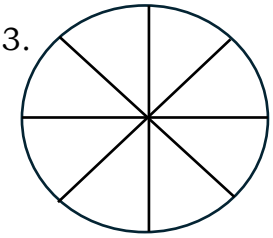
Directions: Shade the following figures to represent the given fractions.

1. 

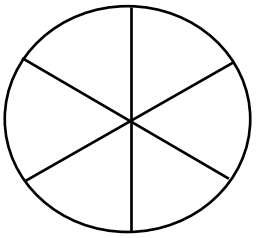
$\frac{1}{2}$

2. 

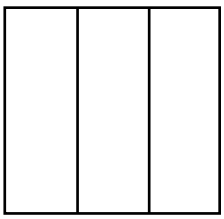
$\frac{3}{4}$

3. 

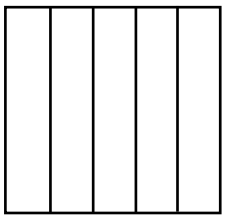
$\frac{5}{8}$

4. 

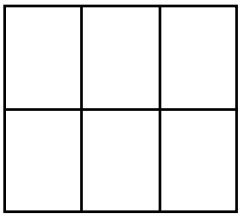
$\frac{2}{6}$

5. 

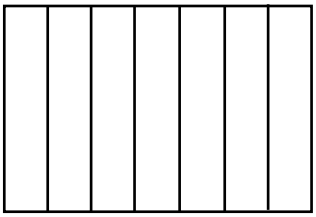
$\frac{1}{3}$

6. 

$\frac{2}{5}$

7. 

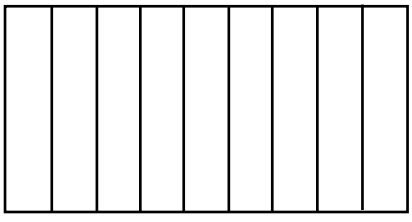
$\frac{4}{6}$

8. 

$\frac{3}{7}$

9. 

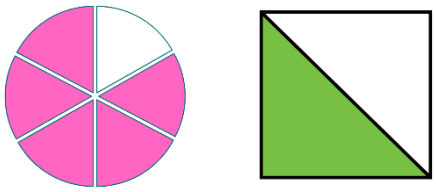
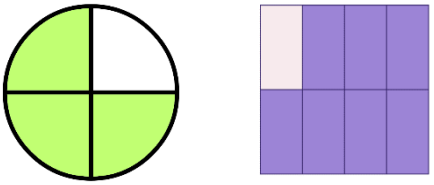
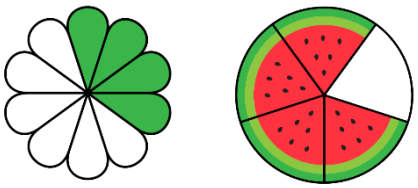
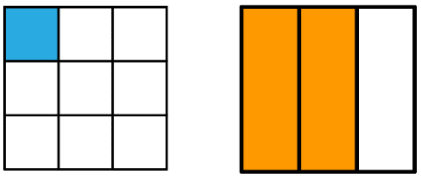
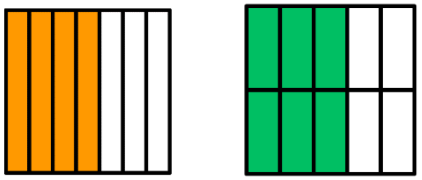
$\frac{7}{10}$

10. 

$\frac{6}{9}$

E. Let's Evaluate!

I. **Directions:** Match the pair of fractional values in Column A with the correct representation of the fraction in Column B. Write the letter in the space provided before each number.

Column A	Column B
____1. $\frac{2}{5}$ and $\frac{4}{5}$	a. 
____2. $\frac{4}{7}$ and $\frac{6}{10}$	b. 
____3. $\frac{5}{6}$ and $\frac{1}{2}$	c. 
____4. $\frac{3}{4}$ and $\frac{7}{8}$	d. 
____5. $\frac{1}{9}$ and $\frac{2}{3}$	e. 

II. **Directions:** Identify whether the given pair of fractions is similar or dissimilar fractions. Write **S** for similar and **D** for dissimilar in the line provided before the number then draw the figure inside the box that represents the given fractions.

____1. $\frac{2}{3}$ and $\frac{1}{3}$

____2. $\frac{7}{10}$ and $\frac{7}{9}$

____6. $\frac{4}{6}$ and $\frac{6}{10}$

____7. $\frac{3}{8}$ and $\frac{6}{8}$

____3. $\frac{1}{2}$ and $\frac{3}{7}$ 

____4. $\frac{3}{4}$ and $\frac{1}{4}$ 

____5. $\frac{4}{7}$ and $\frac{7}{8}$ 

____8. $\frac{2}{9}$ and $\frac{9}{10}$ 

____9. $\frac{2}{5}$ and $\frac{4}{5}$ 

____10. $\frac{5}{10}$ and $\frac{5}{6}$ 

Challenge!

1. In the fruit basket there are 15 pieces of fruit, 7 of which are oranges. Draw a figure that represents the number of oranges as a fraction.
2. Keera has 10 apples, she gave 2 apples to Seth, 3 apples to Alisa, and 2 apples to Krystel. How much apple does Keera have left? Express it in fractions and represent it using the model.

F. References

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DISCLAIMER

This Microlearning Module has been developed by DepEd - Division of Sultan Kudarat for educational purposes only. It is designed to supplement classroom instruction and should not be used as the sole source of information. Teachers are encouraged to exercise their professional discretion and tailor the content to suit their students' individual needs.

REGION XII - DIVISION OF SULTAN KUDARAT

Answer Key for MATH_GRADE 4_Q3_LC1

LOOK BACK!

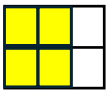
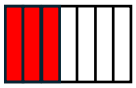
1. $\frac{1}{7}$ 2. $\frac{7}{9}$ 3. 6 4. $8\frac{1}{2}$ 5. $14\frac{3}{4}$

WHAT'S NEW?

1. $\frac{1}{2}$ 2. $\frac{3}{4}$ 3. $\frac{2}{3}$ 4. $\frac{6}{10}$ 5. $\frac{3}{5}$

LET'S TRY!

1. 
2. 

3. 
4. 
5. 
6. 
7. 
8. 
9. 
10. 

LET'S EVALUATE!

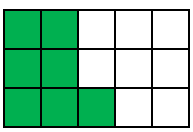
I.

1. c 2. e 3. a 4. b 5. d

II.

1. S Figures may vary
2. D Figures may vary
3. D Figures may vary
4. S Figures may vary
5. D Figures may vary
6. D Figures may vary
7. S Figures may vary
8. D Figures may vary
9. S Figures may vary
10. D Figures may vary

CHALLENGE!

1. $\frac{7}{15}$ 
2. $\frac{3}{10}$