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Learning Activity Sheet for Mathematics 5

Learning Activity Sheet for Mathematics Grade 5
Quarter 2: Lesson 2 Week 2
SY 2025-2026

Learning Area:	Mathematics 5	Quarter:	2nd Quarter
Lesson No.:		Date:	
Lesson Title/ Topic:	Division of Fractions		
Name:		Grade & Section:	

I. Activity No. 1: Dividing Fractions using Models.

II. Objective(s):
   a. Divide fractions using models.

III. Materials Needed:
   Paper, Pencil or Pen, Coloring materials

IV. Instructions:

Complete the division wheel by performing division of fractions using models (fraction bar or pie diagram). Divide the given numbers on the on the 2nd circle by the fraction at the center of the wheel. Write your answers on the third circle. (5 points each)

FIRST WHEEL
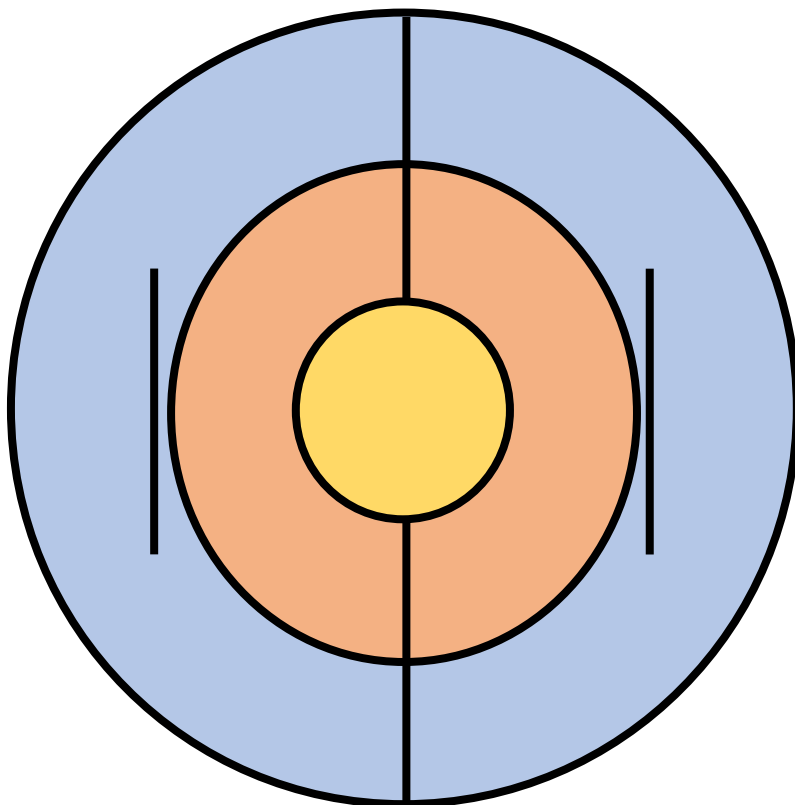
Draw your models on the given table below. Put the equation representing your model on each cell.

FIRST WHEEL	
EQUATION: MODEL:	EQUATION: MODEL:
EQUATION: MODEL:	EQUATION: MODEL:

SECOND WHEEL
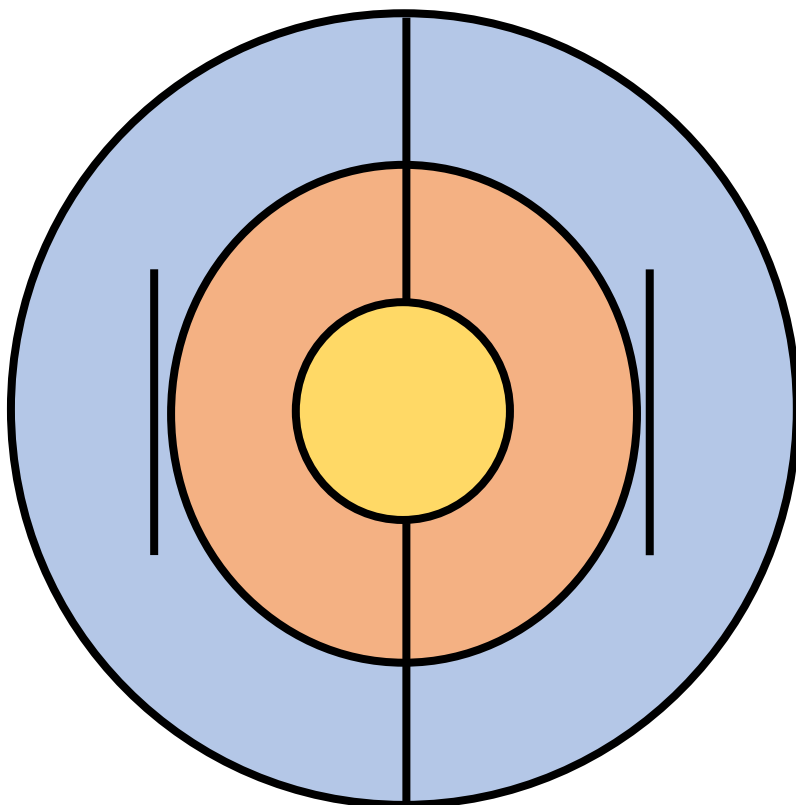
Draw your models on the given table below. Put the equation representing your model on each cell.

SECOND WHEEL	
EQUATION: MODEL:	EQUATION: MODEL:
EQUATION: MODEL:	EQUATION: MODEL:

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I. Activity No. 2: Dividing a fraction by another fraction

II. Objective(s):
a. Divide a fraction by another fraction.

III. Materials Needed:
Paper, Pencil or Pen

IV. Instructions:
Perform the following division of fractions. Express your answer to lowest term, if possible. Show your solution. (2 points each)

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

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I.   Activity No. 3: Solving multi-step problems involving division of fractions.

II.   Objective(s):
   a. Solve multi-step problems involving division of fractions..

III. Materials Needed:
   Paper, Pencil or Pen

IV.   Instructions:
   Read and understand each problem. Express in the lowest term, if necessary. Affix appropriate units. (5 points each)

1. A custard pie needs 1 1/2 egg. How many custard pies can be made using a dozen of egg? **Given:** **Unknown/s:** **Operation to be used:** **Equation:** **Final Answer:**	**Solution:**

2. Sam, Thea, and John are having a road trip and decided to take turn in driving. Sam already covered 5 3/4 km of the entire trip. Thea and John agreed to divide the remaining distance between them. If the distance to their destination is 25 kilometers, how many kilometers should each of them drive? **Given:** **Unknown/s:** **Operation to be used:** **Equation:** **Final Answer:**	**Solution:**
3.A chef has three large bottles of soy sauce. He needs to transfer the soy sauce in small bottles that contains 2 1/2 liters each. How many bottle does the chef needs if each large bottle contains 15 liters? **Given:** **Unknown/s:** **Operation to be used:** **Equation:** **Final Answer:**	**Solution:**

LEARNING ACTIVITY SHEET

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I. Activity No. 4: Formative Assessment (30-minutes)

II. Objective(s):
 a. *Divide Fractions using models.*
 b. *Divide a fraction by another fraction.*
 c. *Solve multi-step problems involving division of fractions.*

III. Materials Needed:
 Paper, Pencil or Pen

IV. Instructions:
 A. Draw your models on the given table below. Put the equation representing your model on each cell. (3 points each)

EQUATION: $5 \div \frac{1}{3} =$ _____

MODEL: (Fraction bar)

EQUATION: $8 \div \frac{2}{3} =$ _____

MODEL: (Pie Diagram)

EQUATION: $12 \div \frac{3}{4} =$ _____

MODEL: (Fraction bar or Pie Diagram)

B. Perform the following division of fractions. Express your answer to lowest term, if possible. Show your solution. (2 points each)

1. $\frac{7}{15} \div \frac{3}{5}$	2. $4\frac{7}{12} \div \frac{11}{9}$
3. $4\frac{1}{3} \div 4\frac{1}{2}$	

C. Read and understand each problem. Express in the lowest term, if necessary. Affix appropriate units. (5 points each)

1. Mrs. Cruz has 5 L of Calamansi juice. She transferred $1\frac{3}{8}$ L to another pitcher and reserved it for later. Then, she divides the remaining calamansi juice into glasses that contains $\frac{1}{8}$ L. How many glasses of calamansi will she have? **Given:** **Unknown/s:** **Operation/s to be used:** **Equation:** **Final Answer:**	**Solution:**

2. Mr. Sanchez will buy $4\frac{3}{4}$ kg of fish to make Spanish sardines. Each can of Spanish sardine will contain $\frac{1}{12}$ kg of fish and will be sold for 25 pesos per can. How much will he earn after selling all the cans of sardines? **Given:** **Unknown/s:** **Operation to be used:** **Equation:** **Final Answer:**	**Solution:**

V. Synthesis/Extended Practice/Differentiation (if needed):

Create a word problem that is related to your daily life 9at home or in school) using the following statement:

The quotient of the sum of $\frac{3}{5}$ and $5\frac{1}{5}$ divided by 5.