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# Learning Activity Sheet for Mathematics 5

Quarter 1

Lesson

5

**Worksheet for Mathematics 5**  
**Quarter 1: Lesson 5 Week 5**  
**SY 2024-2025**

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**LEARNING ACTIVITY SHEET**

<b>Learning Area:</b>	Mathematics 5	<b>Quarter:</b>	1 <sup>st</sup> Quarter
<b>Lesson No.:</b>		<b>Date:</b>	
<b>Lesson Title/ Topic:</b>	<b>Multiplication of Fractions</b>		
<b>Name:</b>		<b>Grade &amp; Section:</b>	

**I. Activity No. 1: “Solve my problems using Four Steps”****II. Objective(s):**

a) Solve problems involving multiplication of fractions following the steps in problem solving

**III. Materials Needed:**

Paper and Pencil or Pen

**IV. Instructions: Solve the following problems using multiplication of fractions.**

**1.** Melanie had 18 mangoes, 24 bananas, and 30 apples. She gave her sister  $\frac{1}{3}$  of each kind of fruit. How many fruits did her sister get in all?

**2.** In a survey,  $\frac{3}{5}$  of the respondents said that they use a Happy dishwashing paste. One-fourth

answered that they do not use that brand, while the remaining respondents did not give an answer. If there were 500 respondents in all, how many respondents did not give an answer? How many respondents gave an answer?

**3.** There was  $\frac{5}{8}$  of a pie left in the fridge. Daniel ate  $\frac{1}{4}$  of the leftover pie. How much of a pie did he have?

**4.** There are  $\frac{7}{8}$  kilograms of salt in the kitchen. Mrs. Jackson used  $\frac{2}{15}$  of the salt when she was preparing dinner. How much salt did she use?

**5.** A bottle contains  $\frac{6}{10}$  liters of cooking oil.  $\frac{2}{4}$  of the oil was used for frying fish. Find the amount of oil used.

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**I. Activity No. 2: “Draw me or look for my pattern”****II. Objective(s):**

- a) Utilize other strategies in problem solving

**III. Materials Needed:**

Paper and Pencil or Pen

**IV. Instructions:**

**Solve the following problems using the indicated strategy.**

1. A company produces widgets. For each batch of widgets, they use  $\frac{2}{5}$  of the raw material in the first step of production and  $\frac{3}{5}$  in the second step. If they have 500 kilograms of raw material, how much do they use in each step? (Pattern Recognition)
2. Mary has  $\frac{1}{4}$  of a cake. She gives half of the cake to her sister. What fraction of the cake does her sister receive? (Draw a picture)
3. Royce bought 20 t-shirts.  $\frac{1}{5}$  of these t-shirts are small size,  $\frac{1}{5}$  are medium size, and  $\frac{3}{5}$  are large size. How many large size t-shirts did he bought? (Draw a picture)
4. Mrs. Perez decided to motivate her daughter to help clean the house and backyard every day by providing the following incentives: she will give  $\frac{1}{3}$  of P150.00 on the first day's work,  $\frac{2}{3}$  of P300 on the 2<sup>nd</sup> day's work,  $\frac{4}{3}$  of P600 for the third day's work. How much did her daughter earn for the 4<sup>th</sup> day's work? (Pattern Recognition)
5. Analiza has 60 pcs of hair clips.  $\frac{1}{4}$  of which are red,  $\frac{1}{4}$  are yellow, the remaining color is blue. How many are the blue clips? (Draw a picture)

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<b>Name:</b>		<b>Grade &amp; Section:</b>	

**I. Activity No. 3: Solve me please!****II. Objective(s):**

- a) Solve problems involving multiplication of fractions

**III. Materials Needed:**

Paper and Pencil or Pen

**IV. Instructions:**

**Solve the following problems using the indicated method.**

1. Rocky finished a 200-meter race in  $\frac{5}{12}$  of a minute. The winner of the race used  $\frac{21}{25}$  of Rocky's time to finish the race. How much time did the winner use to finish the race? (Four Steps)
2. A group of children play in an orchestra.  $\frac{3}{4}$  of the children play a brass instrument. Of these children,  $\frac{2}{5}$  play a trumpet. What fraction of the group of children play a trumpet? If there are 40 children altogether, how many play the trumpet? (Four Steps)
3. Peppa and Maricel are baking cookies together. They each agree to bring some of the ingredients for the cookies. The recipe calls for 4 cups of flour. Sasha brings 2 bags of flour each holding  $\frac{3}{4}$  of a cup of flour. Emily brings 9 bags of flour each holding  $\frac{1}{4}$  of a cup of flour. How much flour do they still need for the recipe? (Four Steps)
4. Annie's brother, John, made a birthday sign for her. Since Annie was celebrating her 12<sup>th</sup> birthday, he drew 12 balloons. He colored 8 balloons with blue and the rest green. What fraction of the balloons were colored blue? What fraction of the balloons were colored green? (Draw a picture)
5. Gelo's allowance every day is P300.00. Every day, he saves a portion of his allowance. On Monday, he saves  $\frac{5}{6}$  of his money, Tuesday he keeps  $\frac{4}{6}$ , on Wednesday he set aside  $\frac{3}{6}$  and so on. How much did he save on Thursday and Friday? (Pattern Recognition)