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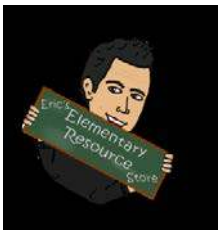

Multiplying Fractions by Fractions Word Problems

Prep Work –

- Print off task cards
- Provide graph paper or math journals

Directions –

1. Have children solve the problems on the card.
2. Next, have them draw a model that represent the problem and their answer.
3. Finally, have them write an equation that represents what they did to solve the problem.

1. On Monday the kids ate $\frac{1}{3}$ of a box of cereal, and on Tuesday they ate $\frac{3}{4}$ as much cereal as they ate on Monday. How much of the cereal did they eat on Tuesday?

Draw a model and write an equation to solve your problem.

2. Sally made chili and chicken soup. She made enough chili to fill $\frac{1}{3}$ of a soup pot. If he made $\frac{3}{4}$ as much chicken soup as chili, how much of the soup pan will the chicken soup fill?

Draw a model and write an equation to solve your problem.

3. Rachel's Famous Cookies sold $\frac{2}{3}$ as many sugar cookies as peanut butter cookies. If they sold $\frac{1}{4}$ of a box of peanut butter cookies, how many boxes of sugar cookies did they sell?

Draw a model and write an equation to solve your problem.

4. Brighton has $\frac{3}{4}$ of a cup of flour. He uses $\frac{2}{3}$ of the flour in the cup to keep the bread dough from sticking to the counter, and the rest he saved for the next batch. How much flour does Brighton have left for the next batch?

Draw a model and write an equation to solve your problem.

5. Marco had $\frac{6}{7}$ cup of sugar. He used $\frac{1}{2}$ a cup of sugar to make his cookies. How much sugar was left?

Draw a model and write an equation to solve your problem.

6. One-half of the class wore red shirts. Of the students that wore red shirts $\frac{2}{5}$ of the shirts were Falcon shirts. What fraction of the students were wearing Falcon shirts?

Draw a model and write an equation to solve your problem.

7. Lang went to the farmer's market and bought one-half pounds of fish. If $\frac{3}{5}$ of Lang's fish was salmon, how many pounds of salmon did Lang buy?

Draw a model and write an equation to solve your problem.

8. Alexei walked $\frac{7}{8}$ of a mile to school, but on the way home he took a short cut and only walked $\frac{3}{4}$ of a mile home. How far did he walk altogether?

Draw a model and write an equation to solve your problem.

9 Chenglei saw $\frac{1}{2}$ a pan of brownies sitting on the counter. She ate $\frac{1}{6}$ of the brownies in the pan. How much of the whole pan of brownies did she eat?

Draw a model and write an equation to solve your problem.

10. Luciana gave $\frac{1}{4}$ of the cake to one friend, and $\frac{1}{3}$ another friend. How much of the cake is left if she started with the whole cake?

Draw a model and write an equation to solve your problem.

Answer Key

1.	3/12 or 1/4
2.	3/12 or 1/4
3.	2/12 or 1/6
4.	5/12
5.	5/14 12/14 – 7/14 = 5/14
6.	2/10 or 1/5
7.	3/10
8.	1 5/8
9.	1/12
10.	5/12 3/12 + 4/12 = 7/12 12/12 – 7/12 = 5/12

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