

FRACTION WORD PROBLEMS: DO I MULTIPLY OR DIVIDE?

When to Multiply:

- Do you have fractional groups or amounts and is the problem asking for the total?
- Are you taking part of a whole?
- Are you taking part of a part?
- Are you trying to determine the total amount you need for X people, containers, recipes, etc.?

When to Divide:

- Are you dividing a given amount into equal groups?
- Are you taking an amount and sorting it, breaking it up, or cutting it into equal parts?
- Are you eating, drinking, or using an equal amount of a total each day and looking for how much you eat, drink, or use each day?

You can check your answer by asking yourself:

- Is my answer reasonable?
- Does it make sense?
- Is the answer way too small or way too big?

<p>Jackson's mother buys 4 packs of hamburger meat. Each pack contains $\frac{4}{6}$ of a pound of meat. How much total meat did she buy?</p>	<p>Mrs. Diego has 3 cups of sugar. She needs to divide the sugar equally into containers of $\frac{1}{3}$ of a cup of sugar. How many containers will Mrs. Diego be able to fill?</p>
<p>Mr. Simpson feeds his dog $\frac{1}{2}$ of a cup of dog food each day. How long will 4 cups of dog food last?</p>	<p>After a party, $\frac{1}{3}$ of a pizza remains. Rachel eats $\frac{1}{2}$ of the remaining pizza. What fraction of a pizza does she eat?</p>
<p>Anu has 9 problems to solve for his math homework. He has solved $\frac{2}{3}$ of the problems already. How many of his problems has he solved?</p>	<p>A fudge company makes 4 pounds of fudge. A worker separates the fudge into packages of $\frac{1}{4}$ of a pound of fudge each. How many packages does he make?</p>
<p>A chef has $\frac{1}{2}$ of a pound of flour to divide equally into two containers. How much flour will be in each container?</p>	<p>Keisha is making potato casserole for a dinner party. She needs $\frac{1}{2}$ of a potato per guest. How many potatoes will she need for 9 guests?</p>
<p>Meandre has 8 pints of milk. If he drinks $\frac{1}{4}$ of a pint of milk each day, how long will the 8 pints of milk last him?</p>	<p>Tyreick wants to fill six containers with $\frac{3}{4}$ of a cup of lemonade. How much lemonade will he need to fill the six containers?</p>

FRACTION WORD PROBLEMS

Name: _____ Date: _____

MULTIPLICATION

DIVISION

FRACTION WORD PROBLEMS

Name: Answer Key

Date: _____

MULTIPLICATION

DIVISION

Jackson's mother buys 4 packs of hamburger meat. Each pack contains $\frac{4}{6}$ of a pound of meat. How much total meat did she buy?

A chef has $\frac{1}{2}$ of a pound of flour to divide equally into two containers. How much flour will be in each container?

Anu has 9 problems to solve for his math homework. He has solved $\frac{2}{3}$ of the problems already. How many of his problems has he solved?

A fudge company makes 4 pounds of fudge. A worker separates the fudge into packages of $\frac{1}{4}$ of a pound of fudge each. How many packages does he make?

After a party, $\frac{1}{3}$ of a pizza remains. Rachel eats $\frac{1}{2}$ of the remaining pizza. What fraction of a pizza does she eat?

Mrs. Diego has 3 cups of sugar. She needs to divide the sugar equally into containers of $\frac{1}{3}$ of a cup of sugar. How many containers will Mrs. Diego be able to fill?

Keisha is making potato casserole for a dinner party. She needs $\frac{1}{2}$ of a potato per guest. How many potatoes will she need for 9 guests?

Mr. Simpson feeds his dog $\frac{1}{2}$ of a cup of dog food each day. How long will 4 cups of dog food last?

Tyreick wants to fill six containers with $\frac{3}{4}$ of a cup of lemonade. How much lemonade will he need to fill the six containers?

Meandre has 8 pints of milk. If he drinks $\frac{1}{4}$ of a pint of milk each day, how long will the 8 pints of milk last him?

This resource was created by Jennifer Findley. It may be printed and photocopied for single classroom use. It may not be put on the Internet, sold, or distributed in any form. Check out my store for more resources that are common core aligned.



Follow my blog for updates and freebies.

www.JenniferFindley.com

Thanks!
Jennifer Findley

Credits:

