

Cooking With Fractions

Word Problems

Directions: Practice using fractions by solving each of the 10 word problems below related to recipes, ingredients and portions.

- 1 Sarah needed $\frac{1}{3}$ cup of flour to make 1 apple pie. If she made 9 apple pies, how many cups of flour would Sarah need?
- 2 A soup kitchen had $6\frac{1}{2}$ gallons of soup at the start of the day. They had $2\frac{1}{10}$ gallons of soup left by the end of the day. How many gallons of soup did they use during the day?
- 3 A cake recipe called for using $6\frac{5}{9}$ cups of sugar before baking and another $5\frac{4}{9}$ cups after baking. What is the total amount of sugar needed in the recipe?
- 4 A chef bought $7\frac{6}{7}$ pounds of carrots to make a carrot cake. He only used $5\frac{2}{7}$ pounds of the carrots. How many pounds of carrots are left over?
- 5 A smoothie calls for $\frac{4}{6}$ of a peach, $\frac{1}{2}$ of a banana, and $\frac{2}{6}$ of a kiwi. How much fruit will be in the smoothie?



- 6 Kelley baked 3 batches of chocolate chip cookies. She used one-third of a bag of chocolate chips to make all of the cookies. How much of the bag did she use for each batch?
- 7 Kevin cooked three pounds of mashed potatoes for a dinner party. The guests only ate two-thirds of the amount he cooked. How much did they eat?
- 8 A taco recipe called for cups of $1\frac{2}{5}$ meat per taco. If Isabel wanted to make 4 tacos, how much meat would she need?
- 9 A restaurant used $6\frac{5}{9}$ cans of vegetables for dinner on Friday. On Saturday they used another $9\frac{7}{9}$ cans. What is the total amount of cans used?
- 10 Sally and Carla were making chocolate cakes. Sally used $2\frac{2}{7}$ pounds of chocolate and Carla used $2\frac{6}{10}$. Who used more chocolate to make their cake?



Answer Key

- 1 3 cups of flour
- 2 $4\frac{4}{10}$ gallons of soup
- 3 12 cups of sugar
- 4 $2\frac{4}{7}$ pounds of carrots
- 5 $1\frac{1}{2}$ fruit
- 6 $\frac{1}{9}$ of the bag
- 7 2 pounds of mashed potatoes
- 8 $5\frac{3}{5}$ cups of meat
- 9 $17\frac{3}{9}$ cans of vegetables
- 10 Carla used more chocolate.

