

## Multiplying and Dividing Story Problems

Read each question carefully to decide whether to solve by multiplication or division then solve.

1. You have  $\frac{2}{4}$  of a pizza and you want to share it equally between 3 people. How much does each person get?
2.  $\frac{3}{4}$  of a pan of brownies was sitting on the counter. Rover (the dog) decided to eat  $\frac{1}{3}$  of the brownies in the pan. How much of the whole pan of brownies is left?
3. You have  $1\frac{2}{3}$  of a cherry pie left over from pi ( $\pi$ ) day. You want to give  $\frac{1}{2}$  of it to Mrs. Hale (yum). How much of the whole cherry pie will this be?
4. A baker is making cakes for a big party. She uses a  $\frac{1}{4}$  cup of oil for each cake. How many cakes can she make if she has a bottle of oil that has  $3\frac{7}{8}$  cups in it?
5. You have six donuts and you want to give  $\frac{2}{3}$  of them to your friends and keep the rest for yourself. How many friends would get a donut?
6. How many  $\frac{1}{2}$  cup servings are in a package of cheese that contains  $5\frac{1}{4}$  cups together?
7. A book shelf is  $3\frac{1}{2}$  feet long. Each book on the shelf is  $\frac{5}{8}$  inches wide. How many books will fit on the shelf?
8. A dime is  $\frac{1}{2}$  inch wide. If you put 5 dimes end to end, how long would they be from beginning to end?