

Solving Fraction Problems

Directions: Use pictures and words to explain solutions to the problems below.

1. Tery cut her small pizza into sixths. She ate one half of the pizza. How many pieces did Tery eat?

2. In a third grade class, $\frac{1}{6}$ of the students raked leaves while $\frac{1}{2}$ of the students picked up trash on the playground. The rest of the students planted flowers. What fraction of the students planted flowers?

If there were 24 third grade students in the class, how many students planted flowers?

3. The gas tank in our car holds 12 gallons. Right now, the gas tank is only one-half full. How many gallons of gas do we need to buy to fill up our gas tank?

Solving Fraction Problems (page 2)

Use pictures and words to explain solutions to the problems.

3. Some students think $\frac{1}{4}$ is a larger share of a candy bar than $\frac{3}{8}$. There are some students who think $\frac{1}{4}$ is a larger share of a candy bar. Which share do you think is bigger?

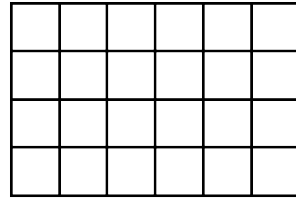
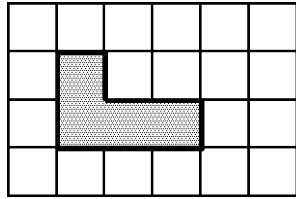
4. Imagine that you have 5 cookies to share among 8 people. What will be each person's share? Show how you decided on your answer

5. Dad ate $\frac{1}{2}$ of the cookies.
Juan ate $\frac{1}{4}$ of the cookies.
Mom, Betty, and Kelsey each ate 1 cookie.
How many cookies were there?

Solving Fraction Problems (page 3)

Use pictures and words to explain solutions to the problems.

6. The picture below shows only one-half of the whole cake for the party. Draw the whole party cake in the grid next to the cake.



7. Tony and Gina painted furniture for their patio. Tony used half of a bucket of paint for two chairs. Gina uses three-fourths of a bucket of paint for the table. How much paint did Tony and Gina use altogether to paint the furniture?
8. Alice planted one-half of her garden with tomatoes. She planted one-fourth of her garden with beans. She planted one-eighth of her garden with corn and another one-eighth with lettuce. She planted 32 plants altogether. Draw a picture of her garden. Be sure to draw the plants, where they belong.

9. If you share 10 cookies among four people, how can you share them equally? How much does each person get?

10. What part of each rectangle is shaded? What is the area of each rectangle?

