| Rosalinda is drawing a picture for her mom. She has a box of 8 crayons, but decides to use only half of the colors. How many crayons will she use? | Bryan noticed that there was $\frac{1}{2}$ of a pizza left after the party. He gives $\frac{1}{2}$ of the leftovers to his best friend. How much of the pizza did he give his best friend? |
| :---: | :---: |
| Randy is making a kite. He will need 6 pieces of string, each $\frac{2}{3}$ of a foot long. How much string will he need altogether? | Jerry discovered that each multi-link cube weighs $\frac{3}{5}$ of an ounce. If he has 10 such cubes, what will the total weight be? |
| Ruchita decided to make cookies for all of her friends so she tripled the recipe. If the original recipe calls for $1 \frac{3}{4}$ cups of sugar, how much sugar did Ruchita actually use? | Lizzie has a piece of elastic that is 4 inches long. If she stretches it out to $2 \frac{1}{2}$ times its original length, how long would it be? |
| Sofia plans to wrap a birthday present for her friend. She has a long ribbon, but doesn't need all of it. In fact, she decides that she wants to use $\frac{2}{3}$ of the 6 -foot long ribbon to wrap the gift. How much ribbon will Sofia actually use? | Elijah is making an apple pie. He bought ten apples, but has realized that he only needs $\frac{3}{5}$ of them for the pie. How many apples will Elijah actually need to use? |
| Antonio found 8 rocks and put them all in a bag. Each rock weighed $\frac{1}{2}$ pound. How heavy was the bag? |  |
| Jonathan wants to try a new recipe that he found online. The recipe calls for $1 \frac{1}{2}$ cups of water. He decides to make just $\frac{1}{3}$ the recipe in case he doesn't like it. How much water will he need? |  |

[^0]| $\frac{1}{2}$ of 8 | $3 \times 1 \frac{3}{4}$ |
| :---: | :---: |
| $2 \frac{1}{2} \times 4$ | $\frac{1}{3}$ of $1 \frac{1}{2}$ |
| $\frac{3}{5}$ of 10 | $\frac{1}{2}$ of $\frac{1}{2}$ |
| $10 \times \frac{3}{5}$ | $6 \times \frac{2}{3}$ |
| $8 \times \frac{1}{2}$ | $\frac{1}{2}$ of 1 |
| $\frac{2}{3}$ of 6 | $4 \times 2 \frac{1}{2}$ |



This material accompanies a videotaped lesson on Inside Mathematics (www.insidemathematics.org): Fraction Multiplication Situations: Public Lesson. Austin, Texas: the Charles A. Dana Center at The University of Texas at Austin.


[^0]:    Dana Center at The University of Texas at Austin.

