

Problem Solving: Use Objects and Make a Table

Find an Equivalent Fraction Rita has 12 roses. She wants to keep $\frac{1}{2}$ for herself, and give $\frac{1}{2}$ to her sister Julie. What fraction equivalent to $\frac{1}{2}$ shows the number of roses each person will have?

Step 1: Set up your problem: $\frac{1}{2} = \frac{\boxed{?}}{12}$

Step 2: Make a table to help you visualize the fraction:

12 roses											
1	2	3	4	5	6	1	2	3	4	5	6
1 group of 6						1 group of 6					

1 group of 6 = $\frac{1}{2}$ of the roses. $\frac{1}{2} = \frac{\boxed{6}}{12}$

Each person will have 6 of the 12 roses. The fraction $\frac{6}{12}$ is equivalent to $\frac{1}{2}$.

Solve. Use objects, and make a table to help.

- Phil has a box of 16 pencils. He wants to put $\frac{1}{4}$ of them into his desk drawer. Find a fraction equivalent to $\frac{1}{4}$ that shows how many pencils he puts into his drawer. _____
- Jack has 18 slices of bread. He wants to put $\frac{1}{2}$ the slices into one bag, and $\frac{1}{2}$ the slices into another bag. Find a fraction equivalent to $\frac{1}{2}$ that tells you how many of the 18 slices he will put in each bag. _____
- Rhonda borrowed 9 books from the library. She wants to read $\frac{1}{3}$ of them today. Find a fraction equivalent to $\frac{1}{3}$ that tells you how many books she will read today. _____