Use the fraction bar below for Exercises 1–4.

1. Label the first part of this fraction bar with the correct unit fraction.

2. Circle the first four parts of the bar. What fraction of the whole does this circled portion represent?

3. Write your fraction from Exercise 2 as a sum of unit fractions.

4. Represent the whole as the sum of the unit fractions.

5. Solve the problem below by circling parts of the fraction bar. Write the appropriate equation below the bar.

   Brett is building a fence around his yard. He has worked on it for two weeks so far. He finished $\frac{2}{8}$ the first week and $\frac{3}{8}$ the second week. What fraction of the entire fence has he built?

Eighths

6. Nena thinks that because $4 < 6$, it must also be true that $\frac{1}{4} < \frac{1}{6}$. Explain to Nena why this is incorrect.

Remembering

List all the factors of each number.

1. 16 _____

2. 29 _____

3. 33 _____

4. 40 _____

List the first four multiples of each number.

5. 6 _____

6. 11 _____

7. 15 _____

8. 1 _____

Complete.

9. $\frac{1}{3} + \frac{1}{3} =$ _____

10. $\frac{2}{7} + \frac{3}{7} =$ _____

11. $\frac{6}{10} - \frac{5}{10} =$ _____

12. $\frac{4}{6} + \frac{2}{6} =$ _____

13. $\frac{4}{9} - \frac{2}{9} =$ _____

14. $\frac{1}{10} + \frac{1}{10} + \frac{1}{10} =$ _____

Write an equation. Then solve the problem.

15. Maggie has a ribbon 27 feet long. What is the length of the ribbon in yards?

Equation: _____

Answer: _____

16. Mañuel has 15 goldfish. This is 6 more than Quinn has. How many goldfish does Quinn have?

Equation: _____

Answer: _____

17. In their yearbook photo, students in the chorus stood in four rows with 13 students in each row. How many students are in the photo?

Equation: _____

Answer: _____

18. Julie bought 19 beads at the craft store. Now she has 36 beads. How many beads did she have before she went to the craft store?

Equation: _____

Answer: _____

19. **Stretch Your Thinking** Rashid bought some baseball cards. After giving 7 cards to his friend Grace, he arranged the remaining cards in 6 rows of 4. How many cards did he buy?

Equation: _____

Answer: _____