MY Homework

Lesson 7

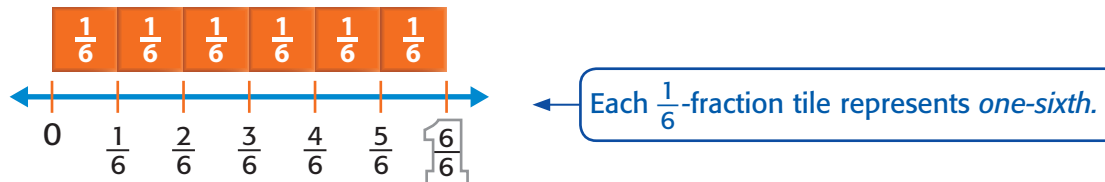**Fractions as One Whole**

Homework Helper

eHelp

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How many sixths equal 1 whole? Write the fraction.

The number line shows one whole partitioned into six equal parts. Six $\frac{1}{6}$-fraction tiles are placed above the number line.

| $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ |

0   $\frac{1}{6}$ $\frac{2}{6}$ $\frac{3}{6}$ $\frac{4}{6}$ $\frac{5}{6}$ $\frac{6}{6}$

Each $\frac{1}{6}$-fraction tile represents *one-sixth.*

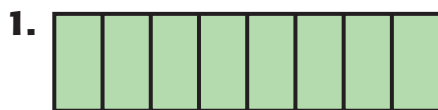So, *six-sixths* is equivalent to one whole.

Write the fraction.

$\frac{6}{6}$ ← six parts
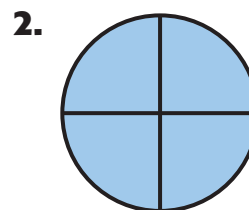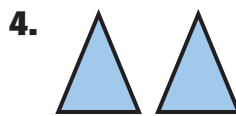
← One whole is partitioned into six parts.

Practice

Write a fraction to represent the shaded part of each whole.

1.

2.

Write a fraction to represent each set of wholes.

3. [three green squares]

$$\frac{\square}{\square}$$

4. [two blue triangles]

$$\frac{\square}{\square}$$

Write each whole number as a fraction.

5. $8 = \dfrac{\square}{\square}$

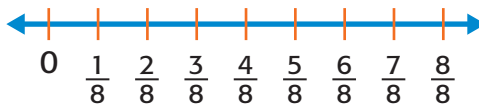**6.** $4 = \dfrac{\square}{\square}$

7. $2 = \dfrac{\square}{\square}$

8. $6 = \dfrac{\square}{\square}$

Real World Problem Solving

9. Gary sliced an apple into eighths. He gave eight of the pieces to his friends. Write a fraction that represents the part of the apple that was given to his friends. Then write this fraction as a whole number. Graph the fraction on the number line.

$$\frac{\square}{\square} = \underline{\quad}$$

0   $\frac{1}{8}$ $\frac{2}{8}$ $\frac{3}{8}$ $\frac{4}{8}$ $\frac{5}{8}$ $\frac{6}{8}$ $\frac{7}{8}$ $\frac{8}{8}$

Mathematical
10. **PRACTICE** ➋ **Use Number Sense** The art teacher partitioned a piece of poster paper into three equal pieces. Each part was decorated for a school dance. Write a fraction that represents the part of the poster paper that was decorated for the school dance. Then write this fraction as a whole number.

$$\frac{\square}{\square} = \underline{\quad}$$

Test Practice

11. Which of the following is equivalent to $\frac{4}{4}$?

Ⓐ $\dfrac{1}{4}$ Ⓒ $\dfrac{4}{1}$

Ⓑ 1 Ⓓ 4

0   $\frac{1}{4}$ $\frac{2}{4}$ $\frac{3}{4}$ $\frac{4}{4} = ?$

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