$\qquad$ Date: $\qquad$

##  <br> Fractions and Mixed Numbers

## Vocabulary

Fill in the blanks. Use the words in the box.

1. $\frac{1}{3}$ and $\frac{2}{3}$ are $\qquad$ fractions.
2. The fraction $\frac{2}{5}$ cannot be simplified further. It is in its $\qquad$ .

$$
\begin{aligned}
& \text { simplest form } \\
& \text { fraction of a set } \\
& \text { like } \\
& \text { equivalent fractions }
\end{aligned}
$$

3. $\frac{8}{10}$ and $\frac{4}{5}$ are $\qquad$ .
4. $\frac{1}{6}$ of 36 is finding the $\qquad$ .

## Concepts and Skills

## Solve.

5. Write the equivalent fraction in the boxes on the number line.

6. Express each fraction in simplest form.
a. $\frac{6}{10}=$
b. $\frac{12}{16}=$ $\qquad$
7. Add or subtract. Give your answer in simplest form.
a. $\frac{3}{10}+\frac{2}{10}=$
b. $\frac{5}{7}-\frac{2}{7}=$ $\qquad$

8. Find the fraction of each set.
a. $\frac{1}{3}$ of $18=$ $\qquad$

b. $\frac{2}{5}$ of $20=$ $\qquad$


## Problem Solving

## Solve. Show your work.

9. There are 40 students in a class. $\frac{2}{5}$ of them are boys. How many boys are in the class?
10. June ate $\frac{1}{5}$ of a loaf of bread and Linda ate $\frac{2}{5}$ of the same loaf. What fraction of the loaf of bread did both of them eat altogether?

11. Susan read $\frac{7}{8}$ of a book. What fraction of the book has she not read?

