

Fractions and Mixed Numbers

Vocabulary

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

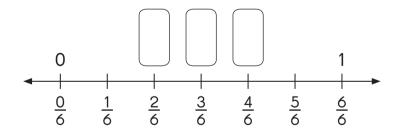
- 1. $\frac{1}{3}$ and $\frac{2}{3}$ are ______ fractions.
- **2.** The fraction $\frac{2}{5}$ cannot be simplified further. It is in its ______.
- simplest form
 fraction of a set
 like
 equivalent fractions

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

Concepts and Skills

Solve.

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



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6. Express each fraction in simplest form.

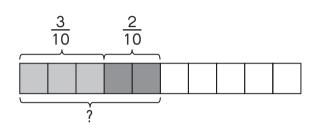
a.
$$\frac{6}{10} =$$

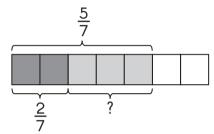
b.
$$\frac{12}{16} =$$

7. Add or subtract. Give your answer in simplest form.

a.
$$\frac{3}{10} + \frac{2}{10} = \underline{\hspace{1cm}}$$

b.
$$\frac{5}{7} - \frac{2}{7} =$$





8. Find the fraction of each set.

a.
$$\frac{1}{3}$$
 of $18 =$

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

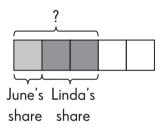


Problem Solving

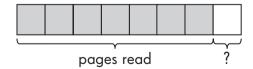
Solve. Show your work.

9. There are 40 students in a class. $\frac{2}{5}$ of them are boys. How many boys are in the class?

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?



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