Vocabulary

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

1. To ________________, a fraction is to reduce it to simplest form.

2. In an ________________, the numerator is greater than the denominator.

3. To express a fraction as a ________________, change its denominator to 10 or 100 first.

Concepts and Skills

Write your answer in the space given.

4. Circle the equivalent fractions.

\[
\frac{2}{9}, \frac{1}{3}, \frac{4}{18}, \frac{6}{27}, \frac{3}{10}
\]

Simplify.

5. \( \frac{15}{18} \)

6. \( \frac{14}{35} \)
Complete. Show your work.

7. Subtract $\frac{3}{10}$ from 3.

8. Express each improper fraction as a mixed number.
   a. $\frac{15}{4}$
   b. $\frac{21}{5}$

9. Express $5\frac{2}{5}$ as an improper fraction.

10. Express $\frac{3}{5}$ as a decimal.

11. Find the product of $\frac{2}{3}$ and 36.

12. Simplify $25 \times 4 \div (12 - 8)$. 
Draw a model to show what is stated.

13. Gomez spent $5 \frac{5}{8}$ of his money on a gift for his brother and $\frac{1}{5}$ of his money on a card. He saved the rest of his money.

Solve.

14. Lisa paid $18 for 9 cupcakes. How much do 6 cupcakes cost?
Chapter 4 Pre-Test

Problem Solving

Solve. Show your work.

15. Kim has 18 toys. \( \frac{1}{3} \) of the toys are teddy bears. \( \frac{1}{6} \) of the toys are balls and the rest are dolls. How many dolls does Kim have?

16. Sally has 6 boxes of colored pencils. Only 3 of the boxes contain 12 colored pencils each. The remaining boxes each contain 20 colored pencils. She packs the colored pencils into 8 packets. How many pencils are there in each packet?