Lesson 2 Reteach

Percents and Fractions

To write a percent as a fraction, write it as a fraction with a denominator of 100. Then simplify.
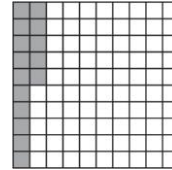
Example

Write 15% as a fraction in simplest form.

15% means *15 out of 100.*

15% = $\frac{15}{100}$ Definition of percent

$= \frac{\cancel{15}^{3}}{\cancel{100}_{20}}$ or $\frac{3}{20}$ Simplify. Divide the numerator and
denominator by the GCF, 5.

You can write fractions as percents. To write a fraction as a percent, find an equivalent ratio with 100 as the denominator.

Example 2

Write $\frac{1}{4}$ as a percent.

$\frac{1}{4} = \frac{\blacksquare}{100}$ Write equivalent ratios.

$\overset{\times 25}{\frac{1}{4}} = \frac{25}{100}$ Since 4 × 25 = 100, multiply 1 by 25 to find the unknown value.
$\underset{\times 25}{}$

So, $\frac{1}{4} = \frac{25}{100}$ or 25%

Exercises

Write each percent as a fraction in simplest form.

1. 20%   **2.** 35%   **3.** 70%

4. 60%   **5.** 30%   **6.** 25%

Write each fraction as a percent.

7. $\frac{3}{10}$ **8.** $\frac{2}{100}$ **9.** $\frac{8}{25}$

10. $\frac{1}{5}$ **11.** $\frac{7}{20}$ **12.** $\frac{13}{100}$