

# Lesson 1 Reteach

## Percent of a Number

To find the percent of a number, you can write the percent as a fraction and then multiply or write the percent as a decimal and then multiply.

### Example 1

Find 25% of 80.

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

Write 25% as a fraction, and reduce to lowest terms.

$$\frac{1}{4} \text{ of } 80 = \frac{1}{4} \times 80 \text{ or } 20$$

Multiply.

So, 25% of 80 is 20.

### Example 2

What number is 15% of 200?

$$15\% \text{ of } 200 = 15\% \times 200$$

Write a multiplication expression.

$$= 0.15 \times 200$$

Write 15% as a decimal.

$$= 30$$

Multiply.

So, 15% of 200 is 30.

### Exercises

Find each number.

1. Find 20% of 50. **10**

2. What is 55% of \$400? **\$220**

3. 5% of 1,500 is what number? **75**

4. Find 190% of 20. **38**

5. What is 24% of \$500? **\$120**

6. 8% of \$300 is how much? **\$24**

7. What is 12.5% of 60? **7.5**

8. Find 0.2% of 40. **0.8**

9. Find 3% of \$800. **\$24**

10. What is 0.5% of 180? **9**

11. 0.25% of 42 is what number? **10.5**

12. What is 0.02% of 280? **5.6**