

# 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.

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

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

So, 25% of 80 is 20.

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

Multiply.

### Example 2

What number is 15% of 200?

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

$$= 0.15 \times 200$$

$$= 30$$

So, 15% of 200 is 30.

Write a multiplication expression.

Write 15% as a decimal.

Multiply.

### Exercises

Find each number.

1. Find 20% of 50.

2. What is 55% of \$400?

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

4. Find 190% of 20.

5. What is 24% of \$500?

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

7. What is 12.5% of 60?

8. Find 0.2% of 40.

9. Find 3% of \$800.

10. What is 0.5% of 180?

11. 0.25% of 42 is what number?

12. What is 0.02% of 280?

# Lesson 1 Skills Practice

## Percent of a Number

Find each number.

1. Find 80% of 80.
2. What is 95% of 600?
3. 35% of 20 is what number?
4. Find 60% of \$150.
5. What is 75% of 240?
6. 380% of 30 is what number?
7. Find 40% of 80.
8. What is 30% of \$320?
9. 12% of 150 is what number?
10. Find 58% of 200.
11. What is 18% of \$450?
12. What is 70% of 1,760?
13. Find 92% of 120.
14. 45% of 156 is what number?
15. What is 12% of 12?
16. Find 60% of 264.
17. 37.5% of 16 is what number?
18. What is 82.5% of 400?
19. What is 0.25% of 900?
20. Find 1.5% of 220.