

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?

$$15\% \text{ of } 200 = 15\% \times 200$$
$$= 0.15 \times 200$$
$$= 30$$

Write a multiplication expression.

Write 15% as a decimal.

Multiply.

So, 15% of 200 is 30.

Exercises

Find each number.

- Find 20% of 50.
- What is 55% of \$400?
- 5% of 1,500 is what number?
- Find 190% of 20.
- What is 24% of \$500?
- 8% of \$300 is how much?
- What is 12.5% of 60?
- Find 0.2% of 40.

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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?