

**You Try:**

Use one of the methods you have learned to solve the following problems.

- 1) What is 5% of 200?
- 2) 8 is 40% of what number?
- 3) What is 15% of 80?
- 4) 18 is 25% of what number?
- 5) What is 25% of 60?
- 6) 62 is 50% of what number?

## **Problem Solving with Percents**

- 1) Martha put 20% of her paycheck in the bank. If her paycheck was \$150, how much did she put in the bank?
  - a) Should your answer be MORE or LESS than \$150?
  - b) Solution = \_\_\_\_\_
  - c) Write your answer in a complete sentence:  
\_\_\_\_\_  
\_\_\_\_\_
- 2) Ethan got 90% of the problems correct on a quiz. If he got 27 problems correct, how many problems were on the quiz?
  - a) Should your answer be MORE or LESS than 27?
  - b) Solution = \_\_\_\_\_
  - c) Write your answer in a complete sentence:  
\_\_\_\_\_  
\_\_\_\_\_
- 3) Whitney bought a pair of jeans that cost \$25. If tax is 5%, how much tax will she pay?
  - a) Should your answer be MORE or LESS than \$25?
  - b) Solution = \_\_\_\_\_
  - c) Write your answer in a complete sentence:  
\_\_\_\_\_  
\_\_\_\_\_
- 4) Ellis' bill at Red Lobster was \$18.50. If he gives his server a 20% tip, how much tip will he leave?
  - a) Should your answer be MORE or LESS than \$18.50?
  - b) Solution = \_\_\_\_\_
  - c) Write your answer in a complete sentence:  
\_\_\_\_\_  
\_\_\_\_\_