

You Try:

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

1) What is 5% of 200?

10

2) 8 is 40% of what number?

20

3) What is 15% of 80?

12

4) 18 is 25% of what number?

72

5) What is 25% of 60?

15

6) 62 is 50% of what number?

124

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? **LESS**

b) Solution = **\$30** _____

c) Write your answer in a complete sentence:

Martha put \$30 in the bank.

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? **MORE**

b) Solution = **30 problems** _____

c) Write your answer in a complete sentence:

There were 30 questions on the quiz.

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? **LESS**

b) Solution = **\$1.25** _____

c) Write your answer in a complete sentence:

Whitney will pay \$1.25 in tax.

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? **LESS**

b) Solution = **\$3.70** _____

c) Write your answer in a complete sentence:

Ellis will pay \$3.70 in tip.