

Problem Solving: Direct
Translation Problems Involving
Percent

1. What is 80% of 320?

(similar to p.141 #22)

2. 70% of what number is 77?

(similar to p.141 #28)

3. 25 is what percent of 80?

(similar to p.141 #34)

4. The sales tax is 6.25%. The total cost of purchasing a used car including sales tax is \$5,312.50. Find the cost of the car before sales tax?

(similar to p.142 #40)

5. A house increased in value by 5% over the last year. The value of the house is now \$89,250. What was the value of the house one year ago?

(similar to p.142 #44)

6. A car dealer had a 20% discount on cars. A new truck is on sale for \$9600. What was the price of the truck before the discount?

(similar to p.142 #46)

7. In an election, the loser received 75% of the winners votes. If 1050 votes were cast, how many did each receive?

(similar to p.142 #51)