Finding "Part"

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Translate to an equation and solve. When necessary, round to the nearest hundredth.

1) What is 3% of 1700?   1) _____
   A) 510   B) 51   C) 1510   D) 151

Find the part.

2) 8.5% of 32 miles   2) _____
   A) 0.27 miles   B) 2.72 miles   C) 27.2 miles   D) 272 miles

Translate to an equation and solve. When necessary, round to the nearest hundredth.

3) What is 2% of $205?   3) _____
   A) $41.00   B) $4.10   C) $2.05   D) $6.15

Translate to a proportion and solve.   When necessary, round to the nearest hundredth.

4) What is 83% of 258?   4) _____
   A) 21,414   B) 21.41   C) 2141.4   D) 214.14

Translate to an equation and solve. When necessary, round to the nearest hundredth.

5) What is 120% of 4440?   5) _____
   A) 532,800   B) 533   C) 5328   D) 53,280

Solve the problem.

6) The parking lot at a golf course has 75 cars in it. 88% of the cars are two-door. How many cars   6) _____
   are two-door?
   A) 66 cars   B) 660 cars   C) 9 cars   D) 85 cars

7) A decorator has 65 clients, 20% of whom are businesses. Find the number of business clients.   7) _____
   A) 130 clients   B) 13,000 clients   C) 1300 clients   D) 13 clients

8) A mutual fund invests $68,000 in utility stocks and earns 4% per year on the investment. How   8) _____
   much money is earned per year?
   A) $27,200   B) $2720   C) $1,700,000   D) $170,000

9) A hardware store had monthly sales of $72,200 and spent 22% of it on promotions. How much   9) _____
   was <u>not</u> spent on promotions?
   A) $15,884   B) $563,160   C) $56,316   D) $1588

10) 65.5% of the students at a certain college are men. If the total number of students at the college is   10) _____
    3800, how many female students are there?
    A) 1311 females   B) 1900 females   C) 1331 females   D) 2489 females

11) A computer printer costs $840. If the sales tax rate is $10\frac{1}{2}$%, what is the total cost?   11) _____

    A) $928.20   B) $1722.00   C) $919.80   D) $936.60

1) B
2) B
3) B
4) D
5) C
6) A
7) D
8) B
9) C
10) A
11) A