Prealgebra Review HW #9: Applications with Fractions, Decimals, & Percents

Solve the problem.

1) Alex wants to buy a telephone that has costs $464. If a sales tax of 7% is added to the purchase, how much will he pay for the telephone, including the tax? Round your answer to the nearest cent.

Solve the problem. If the answer is an amount of money, round to the nearest dollar.

2) A chemical solution contains 1% salt. How much salt is in 1 ml of solution?

3) The Perrones have saved $16,500 for a down payment. If a 16% down payment is required, what price house can they buy?

4) Maria has saved $600 at a bank. She wants to accumulate $1250 to attend computer camp. What percent of her goal has been reached?

Solve the problem.

5) Shari enjoyed services at a spa. The total cost of these services was $360. If she decides to leave a 2% tip, how much should the tip be? Round your answer to the nearest cent.

6) 84 animals out of a total of 840 animals were treated for an illness. What percent of the animals were treated for the illness? Round to the nearest whole percent.

7) 61 wells is what percent of 110 wells? Round to the nearest whole percent.

1) $496.48
2) 0.01 ml
3) $103,125
4) 48%
5) $7.20
6) 10%
7) 55%