Percent Error Homework Problems

1. Denise measured the length of her yard to be 90 feet. The actual length is 86 feet. What is the ***approximate*** percent of error in her measurement?
   a. 2.0%
   b. 4.0%
   c. 4.4%
   d. 4.7%

2. A chemist weighed an object and found its mass to be 225 grams. The object's actual mass is 250 grams. What was the chemist's percent of error?
   a. 25%
   b. 11%
   c. 10%

3. Dennis measured the width of the space he has in his kitchen to fit a new refrigerator at 37 inches. The actual width is 36 inches. What is the ***approximate*** percent error?
   a. 0.3%
   b. 1.0%
   c. 2.8%
   d. 3.6%