1. 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%

2. Gene measured the length of his bedroom at 14 feet. The actual length is 14.5 feet. What is the *approximate* percent error?

A   0.5%
B   2.0%
C   3.4%
D   3.6%

3. 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%

4. Alex measured the length of an item to be 3.7 cm. The actual length is 3.5 cm. What is Alex's percent error?

A   18.5%
B   17.5%
C   5.7%
D   5.4%

5. John measured the volume of a bottle as 27 ounces. The actual volume of the bottle is 24 ounces. What is John's *approximate* percent of error?

A   3%
B   11%
C   13%
D   89%

6. Anita guessed that there were 180 pieces of candy in a jar. There were actually 220 pieces of candy in the jar. What was Anita's approximate percent error?

A   18%
B   22%
C   40%
D   54%

7. 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%
D   1%

8. Hannah estimated that a bottle could hold 2.2 liters. The actual volume of the bottle was 2 liters. What was the percent error in Hannah's measurements?

A   0.1%
B   0.2%
C   2.0%
D   10.0%