1. A TV that cost $1099 last year, costs $999 this year. What is the percent of increase or decrease?
2. A student calculates the density of a rock to be 2.2 g/ml and the accepted value is 2.7 g/ml. What is the student’s percent error?
3. A student determines the volume of a cubic crystal to be 7.6 cubic centimeters. The correct volume of the crystal is 7.5 cubic centimeters. Find the students percent error.
4. Jerry paid $52.50 for his shoes, and the original price was $75. What was the percent of discount?
5. If the price of a book is $21.99 without tax and with tax it $23.31, what is the tax rate?
6. What would the percentage error be if a person predicted that there were 38 jelly beans in a container, but when they were counted, it was found that there were actually 40 beans in the bottle?
7. If you made $450 in November and $1250 in December, what is the percent of increase in the money you made?