Math 1311 – HW

1. Change to a percent
   a) \(\frac{4}{3} = \text{______} \% \) (answer should be in fraction form) \hspace{1cm} 0.02 = \text{______} \% 

2. Change to a decimal
   a) \(\frac{3}{18} = \text{__________} \) 
   b) \(2 \frac{1}{8} \% = \text{__________} \)

3. Change to a fraction
   a) 2.02 = \text{__________} 
   b) 3 1/6 \% = \text{__________} 

4. If 4 \% of the class left early and the class consists of 50 students, then how many students stayed? \text{__________} 

5. 100 out of 120 students attended a freshmen orientation. What percent of the students attended? \text{__________} 

6. Joe now weighs 120 \% of what he weighed in high school. If he currently weighs in at 180 pounds, then find his high school weight to the nearest pound.

7. Bob and his best friend Jo eat out. The total bill is $24 after an 8 \% tax.

   Bob pays for the meal but Joe will pay 15 \% of the food bill (not the tax) as a tip. How much will Joe pay?

8. You walk/run about 3 miles per day. There are 5280 feet per mile. Every 7 seven days you will increase your distance by 10 \% of your previous week distance. What distance will you be walking/running per day during your 4th week of exercise.