Part 1   MAT 0024   Review Test 2

1. Write as a decimal :   6.37%
2. Write as a fraction: 34%

3. Write as a percent   a) .2   b) $\dfrac{1}{8}$

4. 8.5% of what number is 34?
5. What is 18% of 200?
6. What percent of 50 is 35?
7. A company laid off 20 of its 153 employees. What percentage of the workforce was laid off?
8. How much interest would be earned on $$8500 at 7% for 1 year?
9. How much interest would be earned on $5000 at 7.5% for 2 years and 9 months?
10. Flowers increased the price of a $1.49 loaf of bread by 15% Find the increase in price (to the nearest cent) and the new price.
11. Find the original price of a pair of shoes if the sale price is $78 after a 25% discount.

Answers

1.   0.0637

2. $\dfrac{34}{100} = \dfrac{17}{50}$

3.a) 20%
  b) 12.5%

4.   400

5.   36

6.   70%

7.   13%

8. $595.00

9. $1031.25

10.   22 , $1.71

11. $104