

## Fractions to Decimals to Percents Pretest\_Quiz 3:(all fractions are to be in lowest terms)

Name:

Date:

### A. Fill in the following questions with the correct answers showing all calculations.

- a. What is 45 % of the following?( 1 mark each, total 2 marks)
- i) \$ 14            ii) \$4500
- b. Show the decimal 0.38 as a fraction and percent?(  $\frac{1}{2}$  mark each, total 1 mark)
- c. You achieved 38 % on a difficult Math Exam. If the exam is out of 200 marks, what was your score on this test?
- d) You ordered a set of beads in sewing class. Of the beads you received, 42 were blue and 8 were red. What percentage of beads were blue?( 1 mark)
- e) The 8th graders in your school got to choose a field trip to a museum and a field trip to a factory. 48 of the 8th graders picked the museum. If there were a total of 60 8th graders, what percentage picked the museum? ( 2 marks)
- f) There were 68 problems assigned for math homework. You got 41 problems correct and 27 problems incorrect. What percentage did you get correct?( 2 marks)
- h) i) You went into your favorite store and found out that everything was on sale at 35% off their original price? You bought the following items and calculated the sale price of each, not counting tax?
- Item 1's regular price is \$300.00 (Item name:\_\_\_\_\_)
- Item 2's regular price is \$130.00 (Item name:\_\_\_\_\_)
- ii)If you paid 12 % sales tax on both items you bought, how much did you pay in total(total sale items including sales tax)? ( 2 marks)
- l) i) You are now 21 years old and receive a \$18,800 salary every 4 weeks while being the boss at your dream job. Every 4 weeks you deposits 25 % of your pay into your savings account for retirement. How much money goes into your savings account and how much remains for "spending"? ( 2 marks)
- j) What is  $\frac{13}{16}$  as a decimal and percent?( 2 marks)