

Fractions to Decimals to Percents Pre_final Practice Quiz:(show all work!)

Name:

Date:

A. Fill in the blanks below with the correct answer.(1 mark each, total 14 marks)

Fractions	Decimals	Percents
$5 \frac{3}{4}$		
	0.675	
		105.5 %
$\frac{2}{5}$		
	0.1	
		0.75 %
	0.5	

B. Answer the following questions by providing the answer, and show all work.

- a. Maloney's "Waterboy" business generates \$1500 weekly with 30% of the money deposited into Mr. C's bank account.
- i) Each week after he made a deposit into Mr.C's account, how much money was available for Maloney to spend?(2 marks)

ii) In 7 weeks time, what was the total amount of money deposited into Mr. C's bank account?(1 marks)

- b. Paige is part of a hiking club that has a total of 75 members. If 24 members are female, what percent of the members are male?(2 marks)

c. Breanne went to the electronics store to buy some gaming stuff since everything was 15% off.

i) What was the sale price of each item not including tax?(2 marks)

-Nintendo 2DS for \$200

-Super Mario Run game for \$40

ii) If she was to pay 12 % sales tax, what was the grand total she paid for both items including tax?
(1 mark)

d. Alexandra received 86 out of 120 on a test.

i) What percent did she get on this test?(2 marks)

ii) If a C+ is 67-72% , B is 73-85% and A is 86-100%, what letter grade did she get on this test?(1 mark)

e. Mr. C's grade 9 All Night Awake had 96 grade 9s participating in the event, which was 40% of Brock's total number of grade 9 students.

i) What is the total number of grade 9 students who go to Brock?(2 marks)

ii) How many grade 9 student did not attend the event?(1 mark)

f. Chaz bought a massive 400 pack of sour candies and ate 75 of them.

i) What percent of the bag did he eat?((1 mark)

ii) If he sold the remaining smarties to friends for 3 cents each, how much money would he make in total?
(1 mark)

g. Mr. Breen went shopping and paid a total of \$ 423.36 including 12% tax for a massive box full of Mr. C bobble head figures that he sold at school.

i) What was the total price for this box of toys, not including the tax?(1 mark)

ii) How much did he pay in tax?(1 mark)

h. Put the following 3 numbers: $\frac{3}{4}$, 76 % , and 0.7 into order from least to greatest value into the blanks below.

Clearly show the work involved that was used to solve this problem. Here are the numbers.

(work space)(3 marks)

_____, _____, _____(3 marks)

Bonus: There are 12 humans, 3 budgies, 3 guinea pigs, 1 rat, 4 cats, 1 snake, and 6 dogs in the waiting room of an animal clinic. If no creature is missing a leg, show what percent the number of **human legs** is compared to the **total number of legs** at the clinic. Round your answer to the closest whole percent.(1 mark)

End...check all your work and answers to avoid silly mistakes...did you show all work?

When fully done, draw a wonderful Spring Break picture on the back page.