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

Name: Date:

A. Fill in the blanks below with the correct answer.(½ mark each, total 7 marks)

Fractions(lowest terms)	Decimals	Percents
7 1/4		
	0.375	
		175.5 %
2/3		
	0.0001	
		0.35 %
	0.05	

B. Answer the following questions by providing the answer, and show all work.
a. Devin would receive $30 allowance with 35% of this deposited into his bank account weekly.
   i) After he made a deposit, how much of his $30 is available to spend?(2 marks)

   ii) In 5 weeks, how much money was deposited into his bank account?(2 marks)

b. i) Spencer went to the electronics store to buy some gaming hardware that were 20% off their original price, what did he pay for each, without tax?(2 marks)
    -Nintendo Switch regular $450

   -Samsung 4K TV regular $560

   ii)If he was to pay 12 % sales tax on both items, how much did he pay in total?(1 mark)

c. i) Alexandra worked at a theatre with a total of 750 seats. If only 60 % of the seats were full, how many tickets sold? (2 marks)

   ii) If you charged $15 per ticket, how much money did the theatre make?(2 marks)

d. Kamloops hosted an Abba concert and sold 3900 tickets. The stadium was only filled 65% of full capacity.

i) How many seats are available if a concert sells 100 % of the tickets?(2 marks)

ii) How many seats were not filled at this concert?(1 mark)

iii) If each ticket sold costs $75, how much money was made hosting this event?(1 mark)

e. Maloney went shopping for "waterboy" equipment at the Aqua Store. A 10 gallon Camel Back regularly costs $90, a new carbon filter regularly costs $30 dollars, and a new water hose regularly costs $150. Today, thank heavens, all of his chosen items were 25% off their regular prices.

i) How much did it costs for the items on sale, not counting tax?(2 marks)

ii) How much money did he save from the sale, not counting tax?(1 mark)

iii) What was the grand total with sales tax at 12%?(2 marks)

f. Ms. Roy had a massive 500 pack of skittles and ate 90 of them.

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

ii) If she sold the remaining skittles to friends for 5 cents each, how much money did she make in total?(2 marks)

g. There was a house Nolan wanted that was originally listed for $15,000,000. It didn't sell, so after 2 years the price dropped to $5, 250,000.

i)What percent did the house drop in price?(2 marks)

ii) If 6% tax is charged on the purchase, how much is the tax?(1 mark)

h. Nicky went shopping and paid a total of 257.60 including tax for a massive tub of candy. If tax is 12 %, how of this total was tax?(2 marks)