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 3/4		
	3.75	
		575.5 %
1/3		
	0.001	
		3.5 %
	0.0005	

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

a. Devin would receive $50 allowance with 25% of this deposited into his bank account weekly.

    i) After he made a deposit, how much of his $50 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 25% off their original price, what did he pay for each, without tax?(2 marks)

    -Xbox One X regular $600

    -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) Ava worked at a theatre with a total of 800 seats. If only 60 % of the seats were full, how many tickets sold? (2 marks)

    ii) If you charged $25 per ticket, how much money did the theatre make?(2 marks)

d. Kamloops and Ms. Roy hosted a Backstreet Boys concert selling 4900 tickets. The stadium was only filled 80% of full capacity.
i) How many seat in total are available if a concert sells 100 % of the tickets?(2 marks)

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

iii) If each ticket sold costs $80, how much money was made hosting this event?(1 mark)

e. Matteo went shopping for "boxing" equipment at the Punch-Out Store. Decent gloves costed $90, new boxing shorts were $30 dollars, and a heavy punching bag was $200. 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 including sales tax at 12%?(2 marks)

f. Jaelyn had a massive 120 pack of small chocolate bars and ate 6 of them.
i) What percent of the bag did she eat?(1 mark)

ii) If she sold the remaining chocolates to friends for 30 cents each, how much money did she make in total?(2 marks)

g. There was a Harley motor bike that Mr. C wanted that costed $35,000. It didn't sell quickly, so after several months the price dropped by $7,000.
i)What percent did the Motor bikes price drop?(2 marks)

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

h. Devon insanely paid $ 627.20 for a mystery box including tax. So, how much did this cost before taxes?(2 marks)