Ch 1 Test Corrections

Name: **Key**

	EXAMPLE	PRACTICE
1.	Which is the best price? 　i)　　12 pens for $15.64 　ii)　　8 pens for $10.92 　iii)　　3 pens for $3.35 i. Pens $\frac{12}{\$\ 15.64} = \frac{1}{x}$　$x=$ ii. $\frac{8}{10.92} = \frac{1}{x}$　$x=$ iii. $\frac{3}{3.35} = \frac{1}{x}$　$x=$	Which is the best price? 　i)　　11 tokens for $15.70 　ii)　　6 tokens for $9.51 　iii)　　4 tokens for $
2.	A restaurant buys a 4 pound jar of peanut butter for $10.99. If the restaurant bought $43.96 worth of peanut butter, how many pounds were purchased. pound $\frac{4}{\$\ 10.99} = \frac{x}{43.96}$ $x=$	A school buys 3 new desks for $118.75. If the school bought $435.42 worth of desks, how many desks were purchased?
3.	A video game costs $48.99. What is the total price when you <u>add</u> 12% HST? 12% of 48.99 0.12 × 48.99 = $5.88 48.99 + 5.88 = $54.87 (cost)　　(tax)	A DVD costs $24.98. What is the total price when 7% GST is added?

4.	A jacket costs $250.00 and has an 18% discount. What is the new price of the jacket? 18% of $250 0.18 × 250 = $45 250 - 45 = $205.00 new price	A snowboard costs $495.00 and has a 28% discount. What is the new price of the snowboard?
5.	A video game system is regularly priced at $299.00. Its sale price is $254.15. What is the discount rate, as a percent? 299 - 254.15 = $44.85 $$\frac{44.85}{299.00} = 0.15 \times 100$$ = 15%	Tickets for a concert are regularly priced at $190.00. The sale price is $129.2. What is the discount rate, as a percent?
6.	1 Australian dollar is worth $1.15 CAD. If you have 725 Australian dollars, how many Canadian dollars can you exchange them for? $$\frac{CAD}{Aus} \quad \frac{1.15}{1} = \frac{x}{725}$$ x = $833.75	1 Euro is worth 0.654321 CAD. If you have 125 Euros, how many Canadian dollars can you exchange for them?
7.	The listed price of a car in Korea is 33,500,000 won. How much does the car cost in Canadian currency if 1 won is worth $0.000774 CAD. $$\frac{Won}{CAD} \quad \frac{1}{0.000774} = \frac{33500000}{x}$$ x = $25929.00	The listed price of a phone in Thailand is 45,000 bahts. How much does the phone cost in Canadian currency if 1 Canadian dollar is worth 0.02354 bahts.