Unit #1 - Review

- If 5 cm on a map represents 5 km of actual ground, how many centimetres would 25 km of actual ground be on the map?
- 2. Ned is a pool cleaner. He offers a deal in which he charges \$1000.00 to clean your pool 20 times. How much money do you save per cleaning using the deal if it regularly costs \$55.00 for one cleaning?
- Because the cost of ingredients has gone up, Anders has decided to increase the cost of food at his Edmonton café by 11%. How much will a customer pay for a sandwich that used to cost \$6.49? Include 5% GST.
- 4. The retail price of a snowblower is \$617.40. The wholesale price was \$420.00. What is the percent markup?
- 5. Calculate the sale price of a table set that regularly sells for \$1439.00 and is on sale for 15% off.
- 6. The bank buying rate for 1 euro is \$1.56 CAD. If you have 1025 euros, how many Canadian dollars can you exchange them for?
- 7. If Linda purchased 10 820 Thailand bhat for \$380.00 CAD, what was the bank's selling rate for one bhat?
- 8. If Cody sold 10 750 Singapore dollars for \$7925.76 CAD, what was the bank's buying rate for one Singapore
- The bank's selling rate for Kenyan shillings is 0.017300 and the buying rate is 0.012510. How many shillings would you get for \$150.00 CAD?

- 8. If Cody sold 10 750 Singapore dollars for \$7925.76 CAD, what was the bank's buying rate for one Singapore dollars
- The bank's selling rate for Kenyan shillings is 0.017300 and the buying rate is 0.012510. How many shillings would you get for \$150.00 CAD?
- 10. The bank's selling rate for Brazilian reals is 0.697000 and the buying rate is 0.534900. How many Canadian dollars would you get for 150 reals?
- 11. If the selling rate of Indian rupees is 0.02532 and the buying rate is 0.02087, how much money would you lose if you exchanged \$75.00 CAD for rupees and then converted them back to CAD on the same day?
- 12. Use the following chart to calculate the cost of buying 2 T-shirts, 2 pairs of shoes, and 4 pairs of jeans.

Clothing Article	Wholesale Price	Markup
T-Shirt	\$17.50	15%
Shoes	\$77.50	65%
Jeans	\$45.00	30%

- Using the following exchange rates, calculate how much foreign currency you would receive for \$1025.00 CAD.
 - a) 1 Brazilian real (BRL) is worth \$0.6578 CAD.
 - b) 1 Cayman Islands dollar (KYD) is worth \$1.500 CAD.
 - c) 1 euro is worth \$1.6877 CAD.
- 14. A restaurant buys a 4-lb jar of peanut butter for \$10.99.
 - a) The restaurant bought \$43.96 worth of peanut butter. How many pounds of peanut butter were purchased?
 - b) How much would it cost the restaurant to buy 32 lb of peanut butter?

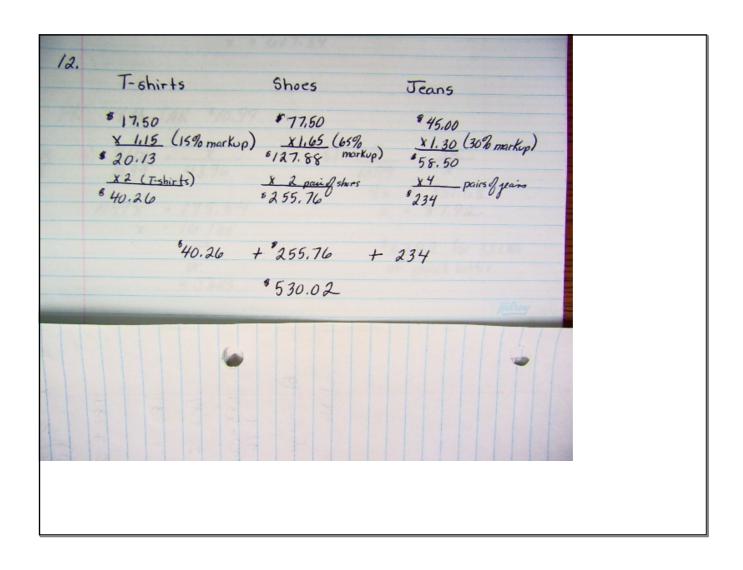
```
1. Cm
Km
5 = \frac{\chi}{25}
5\times = 125
\times = 25

2. \frac{1000}{20} = \frac{60}{50} \text{Regular $\frac{65}{5}}
\text{ You save $\frac{5}{5}}

3. \frac{6.49}{\text{1.11}} \text{ (marky)} \text{ \frac{7.20}{$\text{1.05}}} \text{ (Tax)}
\tag{7.56}

4. \frac{617.40}{-420} \frac{\chi/97.40}{420} = 0.47 \text{ of } 47%
\text{ \frac{-420}{197.40}} \text{ \frac{420}{420}}
```

```
4. $617.40 \\ \frac{\gamma}{420} \\ \frac{-420}{197.40} \\ \frac{197.40}{420} \\ \frac{\gamma}{197.40} \\ \frac{\gamma}{1939} \\ \frac{\gamma}{1939} \\ \frac{\gamma}{\gamma} \\ \frac{\gamma}{\gamm
```



13. * 1025

a)
$$\frac{1}{CPD}$$
 $\frac{1}{0.6578}$ $\frac{1}{1025}$
 $0.6578 \times = 1025$
 $\times = 1558.22$

b) $\frac{1}{Ceymen dollar}$ $\frac{1}{1.500}$ $\frac{1}{1025}$
 $\frac{1}{1.500 \times = 1025}$
 $\frac{1}{1.500 \times = 1025}$
 $\frac{1}{1.0877 \times = 1025}$
 $\frac{1.0877 \times = 1025}{\times = 607.34}$

