

## Review Unit 1

Name: \_\_\_\_\_

1. Round to the nearest ten:      a. 46      \_\_\_\_\_      b. 4,789      \_\_\_\_\_
2. Round to the nearest hundredth: a. 5.756      \_\_\_\_\_      b. 7.16488      \_\_\_\_\_
3. Round to the nearest tenth:      a. 6.727      \_\_\_\_\_      b. 680.9865      \_\_\_\_\_
4. Is the proportion TRUE or FALSE? *Show all work!*

a.  $\frac{5}{3} = \frac{10}{6}$

c.  $\frac{6}{20} = \frac{7}{25}$

5. Write the ratio in simplest form.

a. 91:21

b. 42:18

6. Solve each proportion for  $x$ .

a.  $\frac{x}{3} = \frac{10}{6}$

b.  $\frac{15}{x} = \frac{10}{6}$

**For the following questions, set up a proportion and then solve for the unknown.**

7. A cake recipe needs a 5:2 mixture of flour and water. If 7 cups of water are used, how many cups of flour should be added?

8. A basketball player scored 210 points in 14 games. At that rate, how many points will she score in the last 6 games of the season?

9. The exchange rate for CAD \$ and Euros is 1 Euro = 1.348 CAD \$.

a. How many Euros will you get for 200 CAD \$ ?

b. How many CAD \$ will you get for 200 Euros?

<b>Country</b>	<b>Currency Unit</b>	<b>Rate Bank will Buy from you</b>	<b>Rate Bank will Sell to you</b>
Austria	Euro, €	1.580814	1.644814
Japan	Yen, ¥	0.009295	0.009855
Pakistan	Rupee Rs	0.012360	0.019360
Thailand	Baht, ฿	0.026550	0.035120

10. The table above shows the Buying and Selling Rates against the CAD \$. Use the table to answer the questions below.

a. Jo wants to exchange \$250 to Yen. How many Yen will he get from the bank?

b. Jo now wants to exchange \$3500 Bahts to CAD \$. How much will he get from the bank?

c. Jo exchanges \$800 to Euros and then changes his mind and exchanges the Euros back to CAD \$. How much money did he lose in the transaction?