

Name: _____

- #1. Write each ratio. *Remember to write your answer in simplest form if possible.* (4)

😊😊😊😊😊😊😊😊 😞😞 😞😞 happy faces to sad faces

👑👑👑👑👑👑👑👑 👑👑👑👑 crowns to total

✂️✂️✂️☎️☎️☎️☎️☎️☎️☎️☎️ telephones to scissors

♥♥♥♥♥♥♣️♣️♣️♣️♣️♣️♣️♣️ total to clubs

- #2. a) Find an equivalent ratio using multiplication. (1)

$$7 : 9 =$$

- b) Find an equivalent ratio using division. (1)

$$25:75 =$$

- #3. Coffee is made by mixing scoops of coffee powder with cups of hot water.

Coffee A



Coffee B



- Which coffee is stronger? Justify your answer using equivalent ratios. (4)

#4. Determine the value of the unknown in the given proportions.

②

a) $\frac{2}{5} = \frac{x}{47}$

x=

b) $\frac{42}{35} = \frac{36}{x}$

x=

#5. At "Tim Horton's", it costs \$5.25 to purchase 8 muffins. How many muffins could you buy if you had \$36.75 to spend?

④

Words	Proportion	Answer	Statement

#6. Write the **unit rate** for each:

②

a) Sue travels 90 m in 15 seconds

b) Jim scores 153 points in 3 games

#7. Sobey's sells flour in two sizes of packaging.

④

A. \$24.00 for 20 kg or **B.** \$65.00 for 50 kg

Use **unit rates** to determine which is the better buy? By how much?