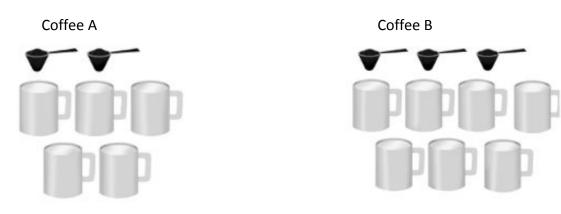
	/22	Assignment: Ratios-Proportions-Unit Rates	MFM1P
		Name:	
#1.	Write each ratio. Remember to	write your answer in simplest form if possible.	4
	ତତତତତ <sup>ତ ଭା</sup> ଷ ha	appy faces to sad faces	
	*****22222	crowns to total	
	* * * 7 7 7 7 7 7 7	telephones to scissors	
	♥♥♥♥♥☆☆☆☆☆☆☆	total to clubs	
#2.	a) Find an equivalent ratio using multiplication.		(1)
	7 : 9 =		
	b) Find an equivalent ratio usin	1	
	25:75 =		

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



Which coffee is stronger? Justify your answer using equivalent ratios.

4

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

a) 
$$\frac{2}{5} = \frac{x}{47}$$
  
b)  $\frac{42}{35} = \frac{36}{x}$   
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?

Words	Proportion	Answer	Statement

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

- 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?

2