

Assignment Record Sheet

Math Core C

Full Name: _____ **Week: 1/13 - 1/17**

Unit Name: Comparing and Scaling Periods: 3 & 5

Date Assigned	Focus Question??	Homework (IP=in packet)		Meets Expectation (15 points)	Approaching Expectations (5 points)	Below Expectation (0 points)
Monday Jan. 13	<i>When you scale up a recipe and change the units, like from cups to ounces, what are some of the issues you have to deal with?</i>	WU: None CW: Test and Quiz Corrections HW: None		WU: CW: HW:		
Tuesday Jan. 14	<i>What strategies can you use to find a missing value in a proportion? What is your preferred strategy?</i>	WU: Ratio Warm-Up (IP) CW: Prob. 1.4 A-C p.17; video launch HW: ACE #19-22 p. 25		WU: CW: HW:		
Wed. Jan. 15	<i>What strategies can you use to find a missing value in a proportion? What is your preferred strategy?</i>	WU: Ratio Review CW: Prob. 1.4 D-E p.18 HW: ACE #24-27 p. 26		WU: CW: HW:		
Thursday Jan. 16	<i>What strategies can you use to find a missing value in a proportion? What is your preferred strategy?</i>	WU: None CW: Check Up 1 Review (IP) HW: Study for Quiz		WU: CW: HW:		
Friday Jan. 17	<i>What strategies can you use to find a missing value in a proportion? What is your preferred strategy?</i>	WU: None CW: Check Up 1 Quiz HW: None Turn in your packet		WU: CW: HW:		

Total Homework Score for the Week: _____/75

--	--	--	--	--

Daily Materials Score _____/25

Warm-Up 1.4

Men-to-Women Ratios for Doctors

Write the known ratio of women to men doctors. Complete the proportion with the ratio of actual numbers of doctors.

$$\frac{5 \text{ women}}{12 \text{ men}} = \frac{x \text{ women}}{600,000 \text{ men}}$$

Write the known ratio of men to women doctors. Complete the proportion with the ratio of actual numbers of doctors.

$$\frac{12 \text{ men}}{5 \text{ women}} = \frac{600,000 \text{ men}}{x \text{ women}}$$

Write a different ratio of men to men data. Complete the proportion with women to women data.

$$\frac{600,000 \text{ men}}{12 \text{ men}} = \frac{x \text{ women}}{5 \text{ women}}$$

Write a ratio of men to men data. Complete the proportion with women to women data.

$$\frac{12 \text{ men}}{600,000 \text{ men}} = \frac{5 \text{ women}}{x \text{ women}}$$

Comparing and Scaling

Check Up Review for use after Investigation 1

1. In a survey, Eric, the team manager, asked all 120 soccer players in the league which drink they preferred during and after the game.

Drink	During Game	After Game
Sports Beverage	70	10
Juice	10	80
Water	40	30

Ricardo, the soccer league director, made the following statements based on Eric's survey. For each statement, tell if it is accurate and explain how you made each decision.

- a. **During** the game, players prefer juice to water by a ratio of 4 to 1.

- b. 25% of the players prefer water **after** the game.

- c. More than half of the players prefer a sports drink **during** the game.

Comparing and Scaling

Check Up Review (continued)

2. a. Ryan took 15 minutes to type his 450-word report. At this rate, how many words could he type in 20 minutes? Show how you arrived at your answer.

- b. Two of these proportions correctly represent how to solve the problem. Circle the two that are correct.

$$\frac{450}{15} = \frac{x}{20}$$

$$\frac{x}{450} = \frac{15}{20}$$

$$\frac{20}{15} = \frac{450}{x}$$

$$\frac{20}{x} = \frac{15}{450}$$

3. Find the value of x that will make each proportion true.

a. $\frac{3}{4} = \frac{24}{x}$

b. $\frac{2}{3} = \frac{x}{15}$

c. $\frac{x}{5} = \frac{5}{25}$

d. $\frac{4}{x} = \frac{10}{15}$