

TOPIC 2: Ratios & Rates – Block 5 Homework

1. You have a recipe for crepes. The recipe makes 8 crepes. You need 100 crepes for a school event. Increase the recipe proportionally to make 100 crepes.

Makes 8 crepes	Makes 100 crepes
1 cup flour	
2 eggs	
$\frac{1}{2}$ cup milk	
$\frac{1}{3}$ cup water	
$\frac{1}{4}$ teaspoon salt	

2. The table below shows a concrete mixture used to pave 50 yards of street. Fill in the amount of each ingredient needed to pave 300 yards of street.

Ingredients	Paves 50 yards	Paves 300 yards
Water	20 gallons	
Aggregate (rocks)	70 gallons	
Cement	10 gallons	

3. The nutritional facts label on a sports drink bottle states that 1 serving is 8 fluid ounces and has 14 grams of sugar. There are 4 servings per bottle.

Suppose a person drinks $1\frac{1}{2}$ bottles of the sports drink. How many grams of sugar has the person consumed?

4. The nutrition facts for packaged meatballs are shown:

If Gunnar eats **4 meatballs**, how many grams of fat did he consume?

Nutrition Facts	
Serving Size 3 meatballs (84g)	
Servings Per Container: about 11	
Amount Per Serving	
Calories 260	Calories from Fat 180
% Daily Value*	
Total Fat 19g	29%
Saturated Fat 8g	40%
Trans Fat 0g	
Cholesterol 30g	10%
Sodium 500g	24%
Total Carbohydrate 0g	2%
Dietary Fiber 0g	0%
Sugars < 1g	
Protein 12g	
<small>* Daily Values are based on a 2,000 calorie diet.</small>	