Cumulative Review

Directions: For each problem, divide the rectangles to represent the quantities, label the quantities, and write the rate.

1. There are 2 people in Karen's family. They are making dinner and have to peel 8 carrots. What is the rate of people to carrots?

2. Polly and her 3 friends want to play a game of softball. They have 12 uniforms to use. What is the rate of uniforms to players (including Polly)?

Practice 1

Directions: Use 2 different colored pencils to draw 2 rectangles of the same length to model the situation below. Then, write the rate that describes the situation. Finally, simplify the rate, if possible. If the rate cannot be simplified, write "No."

14 friends rode in 4 different cars to the movies. What was the rate of friends to cars?

Practice 2

Directions: For each problem, use 2 different colored pencils to draw 2 rectangles of the same length to model the situation. Then, write the rate that describes the situation. Finally, simplify the rate, if possible. If the rate cannot be simplified, write "No."

1. Janice has 9 fish and 3 cats. What is the rate of fish to cats?

2. There are 12 slices of pizza and 5 students at a pizza party. What is the ratio of students to slices of pizza?

Name: _____

Independent Practice

Directions: For each problem, draw 2 rectangles of the same length, divide each rectangle into the correct number of parts, label each rectangle, and write the rate that describes the situation. Simplify the rate, if possible. If the rate cannot be simplified, write "No."

1. Liam's family went to a neighborhood picnic where there were 6 cakes and 14 people. What is the rate of cakes to people? Can this rate be simplified? If so, what is the new rate?

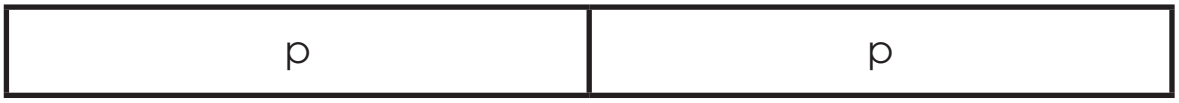
2. On Saturday, 15 baseball teams played on 6 baseball diamonds at Rhodes Park. What was the rate of teams to baseball diamonds? Can this rate be simplified? If so, what is the new rate?

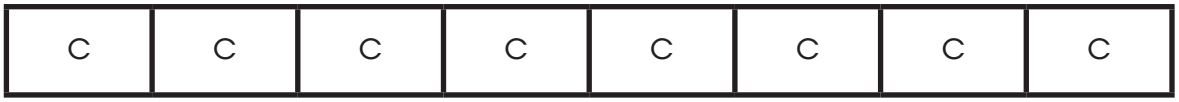
Answer Key: Cumulative Review

Directions: For each problem, divide the rectangles to represent the quantities, label the quantities, and write the rate.

1. There are 2 people in Karen's family. They are making dinner and have to peel 8 carrots. What is the rate of people to carrots?

people



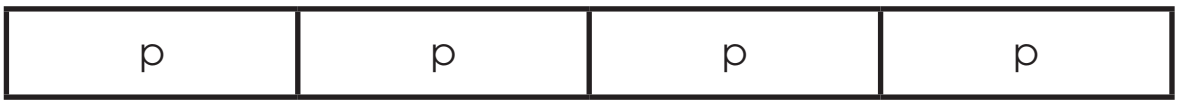


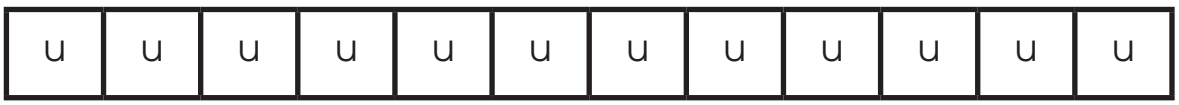
carrots

$$\frac{\text{2 people}}{\text{8 carrots}}$$

2. Polly and her 3 friends want to play a game of softball. They have 12 uniforms to use. What is the rate of uniforms to players (including Polly)?

players





uniforms

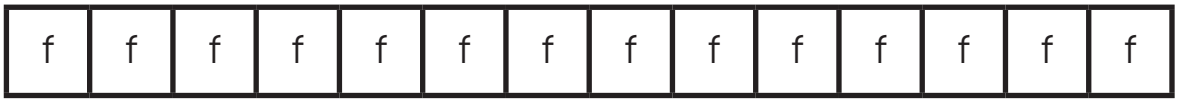
$$\frac{\text{12 uniforms}}{\text{4 players}}$$

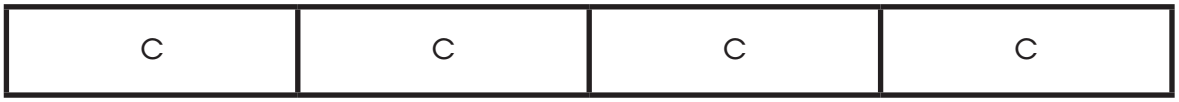
Answer Key: Practice 1

Directions: Use 2 different colored pencils to draw 2 rectangles of the same length to model the situation below. Then, write the rate that describes the situation. Finally, simplify the rate, if possible. If the rate cannot be simplified, write "No."

14 friends rode in 4 different cars to the movies. What was the rate of friends to cars?

friends





cars

$$\frac{14 \text{ friends}}{4 \text{ cars}}$$

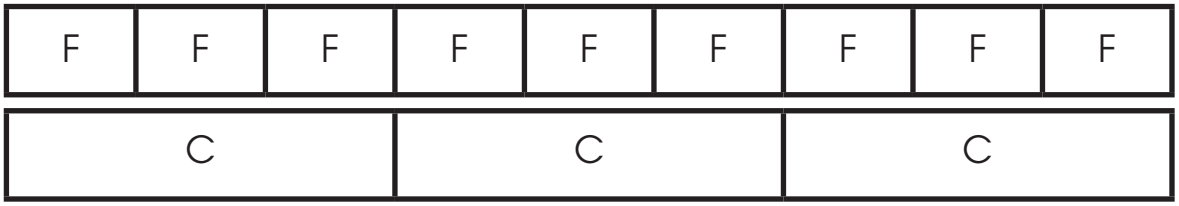
Simplified: $\frac{7 \text{ friends}}{2 \text{ cars}}$

Answer Key: Practice 2

Directions: For each problem, use 2 different colored pencils to draw 2 rectangles of the same length to model the situation. Then, write the rate that describes the situation. Finally, simplify the rate, if possible. If the rate cannot be simplified, write "No."

1. Janice has 9 fish and 3 cats. What is the rate of fish to cats?

fish



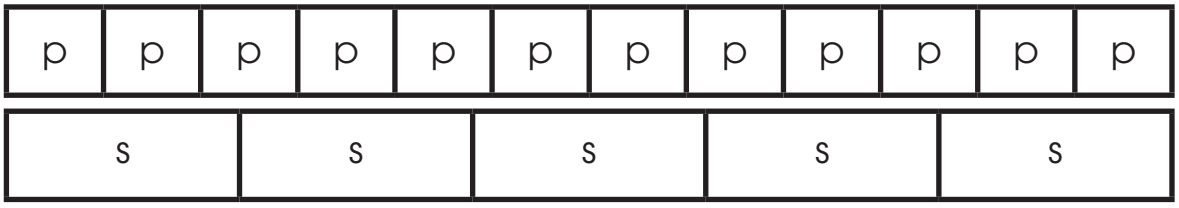
cats

$$\frac{9 \text{ fish}}{3 \text{ cats}}$$

Simplified: $\frac{3 \text{ fish}}{1 \text{ cat}}$

2. There are 12 slices of pizza and 5 students at a pizza party. What is the ratio of students to slices of pizza?

pizza slices



students

$$\frac{12 \text{ pizza slices}}{5 \text{ students}}$$

Simplified: No

Answer Key: Independent Practice

Directions: For each problem, draw 2 rectangles of the same length, divide each rectangle into the correct number of parts, label each rectangle, and write the rate that describes the situation. Simplify the rate, if possible. If the rate cannot be simplified, write "No."

1. Liam's family went to a neighborhood picnic where there were 6 cakes and 14 people. What is the rate of cakes to people? Can this rate be simplified? If so, what is the new rate?

cakes

c	c	c	c	c	c

p	p	p	p	p	p	p	p	p	p	p	p	p	p

people

$$\frac{6 \text{ cakes}}{14 \text{ people}}$$

Simplified: $\frac{3 \text{ cakes}}{7 \text{ people}}$

2. On Saturday, 15 baseball teams played on 6 baseball diamonds at Rhodes Park. What was the rate of teams to baseball diamonds? Can this rate be simplified? If so, what is the new rate?

teams

t	t	t	t	t	t	t	t	t	t	t	t	t	t	t

d	d	d	d	d	d

baseball diamonds

$$\frac{15 \text{ teams}}{6 \text{ baseball diamonds}}$$

Simplified: $\frac{5 \text{ teams}}{2 \text{ baseball diamonds}}$