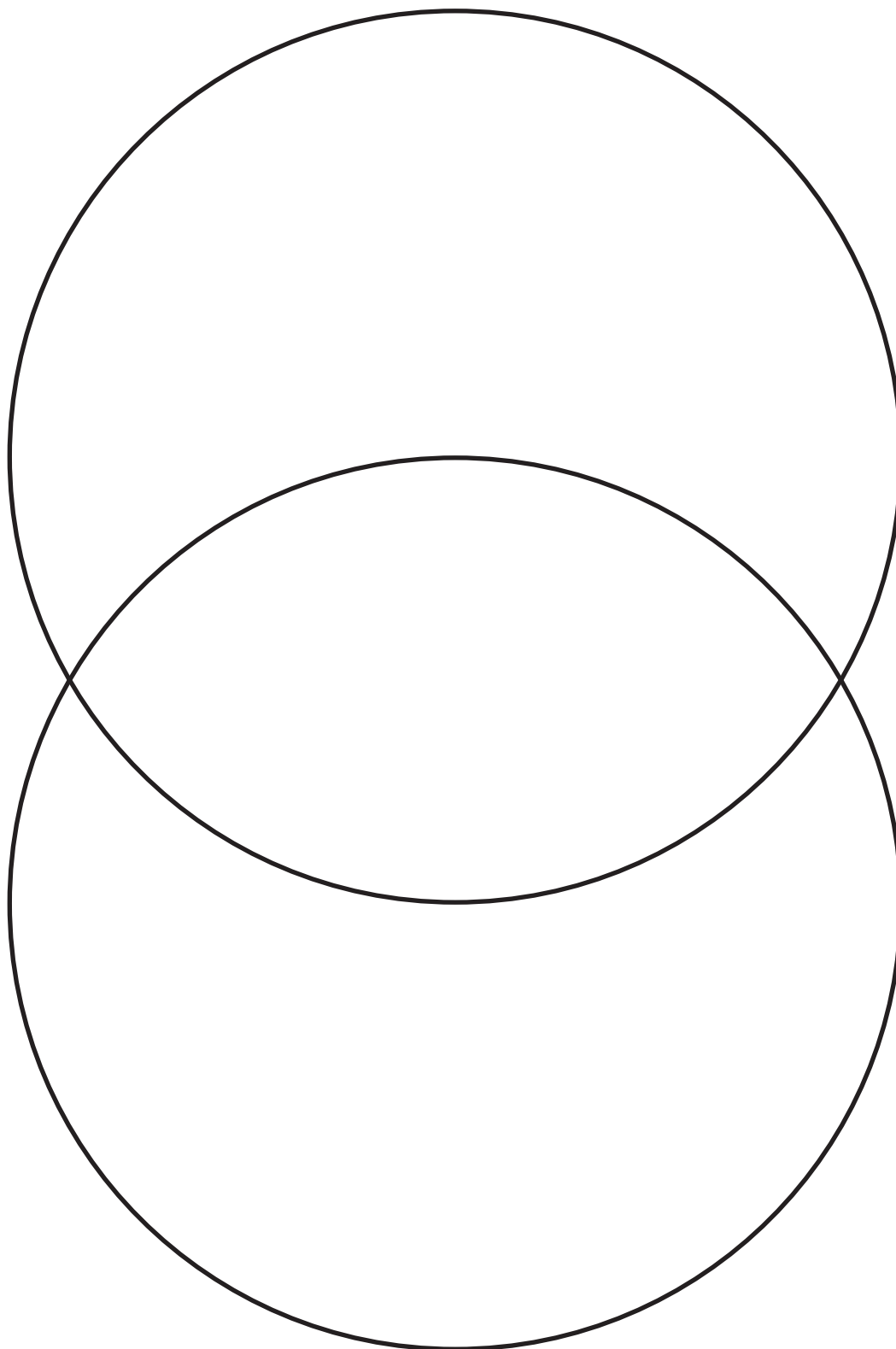


## Cumulative Review

Directions: Draw 2 rectangles of the same length for each situation. Divide each rectangle into the correct number of parts. Label each rectangle. Find the rate for each situation.

1. The South High School tennis team has 13 balls and 6 rackets. What is the rate of balls to rackets? Can this rate be simplified? If so, what is the simplified rate?
2. On the way to the park there were 4 cars and 12 people. What was the rate of cars to people? Can this rate be simplified? If so, what is the simplified rate?

**Venn Diagram**



**Practice 1**

Directions: Draw 2 rectangles of the same length at the top of your paper. Divide the first rectangle into 2 parts and the second rectangle into 8 parts. Label each rectangle. Find the rate for the situation and simplify to a unit rate. Use a bold line to indicate the unit rate in your drawing.

Johnny and his brother Joe are making apple pies. They made 2 pies, using 8 apples. What is the unit rate of apples to pies? Use a bold line to indicate the unit rate in your drawing.

## Practice 2

Directions: Draw 2 rectangles of the same length for each situation. Divide each rectangle into the correct number of parts. Label each rectangle. Find the rate for each situation and simplify to a unit rate. Use a bold line to indicate the unit rate in your drawing.

1. In the living room, there are 8 batteries and 2 remotes. What is the unit rate of batteries to remotes?

**Name:** \_\_\_\_\_**Independent Practice**

Directions: Draw 2 rectangles of the same length for each situation. Divide each rectangle into the correct number of parts. Label each rectangle. Find the rate for each situation and simplify to a unit rate. Use a bold line to indicate the unit rate in your drawing.

1. On the practice field, there were 6 water bottles and 3 athletes still practicing at 6:00 p.m. What is the unit rate of water bottles to athletes?

2. After the birthday party, there were 3 boys and 15 pizza slices leftover. If the boys are taking the pizza home, what is the unit rate of boys to pizza slices?



## Answer Key: Cumulative Review

Directions: Draw 2 rectangles of the same length for each situation. Divide each rectangle into the correct number of parts. Label each rectangle. Find the rate for each situation.

1. The South High School tennis team has 13 balls and 6 rackets. What is the rate of balls to rackets? Can this rate be simplified? If so, what is the simplified rate?

balls

b	b	b	b	b	b	b	b	b	b	b	b	b
r	r	r	r	r	r	r	r	r	r	r	r	r

rackets

$$\frac{13 \text{ balls}}{6 \text{ rackets}}$$

Simplified: No

2. On the way to the park there were 4 cars and 12 people. What was the rate of cars to people? Can this rate be simplified? If so, what is the simplified rate?

cars

c			c			c			c		
p	p	p	p	p	p	p	p	p	p	p	p

people

$$\frac{4 \text{ cars}}{12 \text{ people}}$$

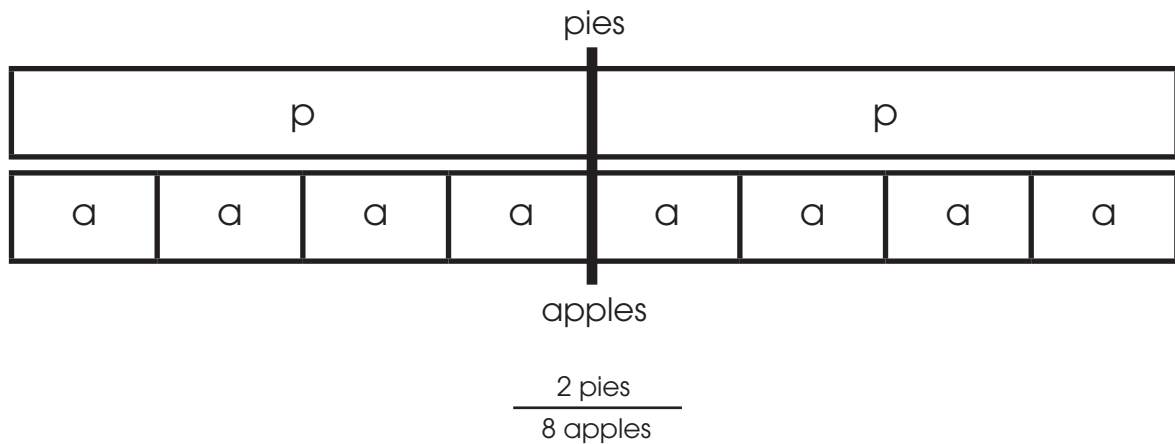
Simplified:  $\frac{1 \text{ car}}{3 \text{ people}}$



## Answer Key: Practice 1

Directions: Draw 2 rectangles of the same length at the top of your paper. Divide the first rectangle into 2 parts and the second rectangle into 8 parts. Label each rectangle. Find the rate for the situation and simplify to a unit rate. Use a bold line to indicate the unit rate in your drawing.

Johnny and his brother Joe are making apple pies. They made 2 pies, using 8 apples. What is the unit rate of apples to pies? Use a bold line to indicate the unit rate in your drawing.



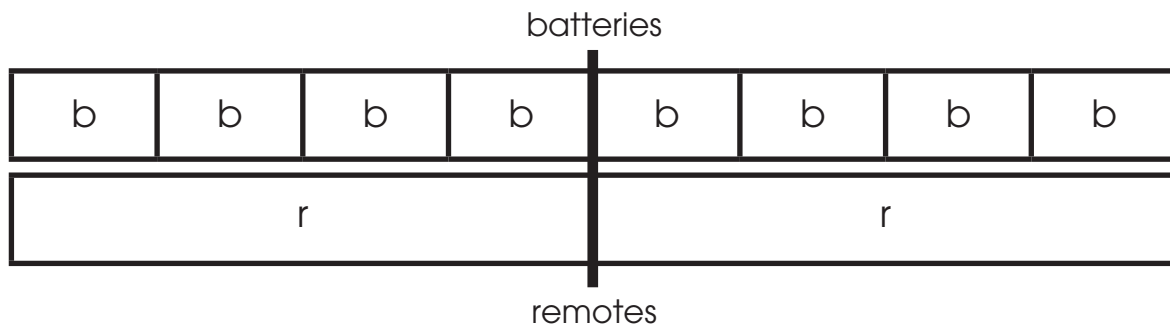
Unit rate: 4 apples per pie



## Answer Key: Practice 2

Directions: Draw 2 rectangles of the same length for each situation. Divide each rectangle into the correct number of parts. Label each rectangle. Find the rate for each situation and simplify to a unit rate. Use a bold line to indicate the unit rate in your drawing.

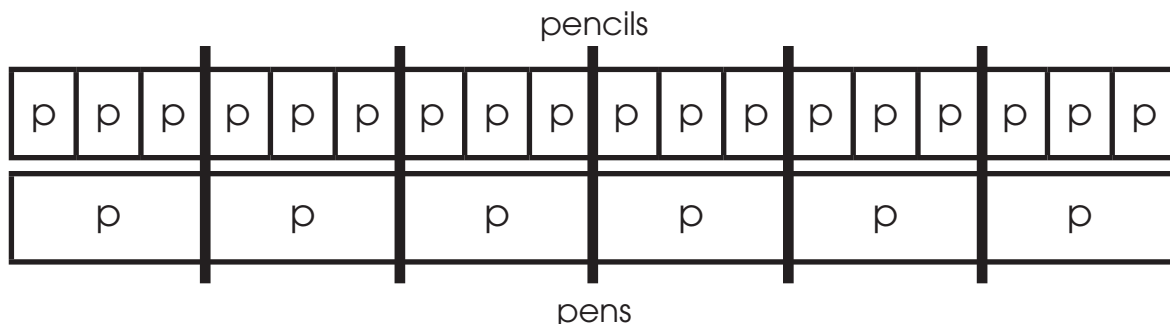
1. In the living room, there are 8 batteries and 2 remotes. What is the unit rate of batteries to remotes?



$$\frac{8 \text{ batteries}}{2 \text{ remotes}}$$

Unit rate: 4 batteries per remote

2. In a student's backpack, there were 18 pencils and 6 pens. What is the unit rate of pencils to pens?



$$\frac{18 \text{ pencils}}{6 \text{ pens}}$$

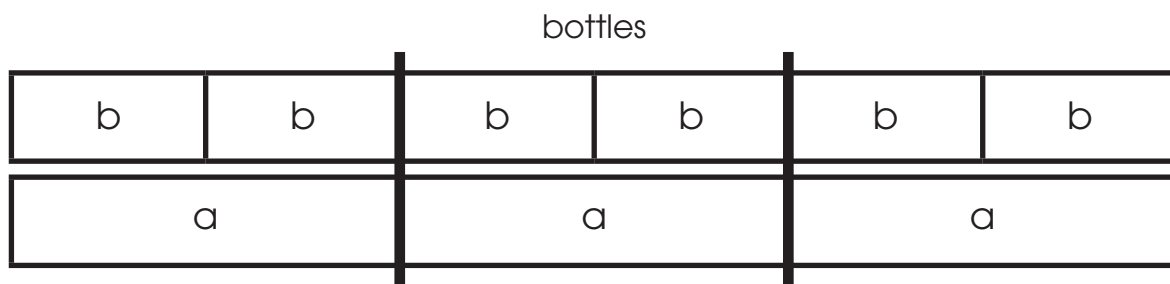
Unit rate: 3 pencils per pen



## Answer Key: Independent Practice

Directions: Draw 2 rectangles of the same length for each situation. Divide each rectangle into the correct number of parts. Label each rectangle. Find the rate for each situation and simplify to a unit rate. Use a bold line to indicate the unit rate in your drawing.

1. On the practice field, there were 6 water bottles and 3 athletes still practicing at 6:00 p.m. What is the unit rate of water bottles to athletes?

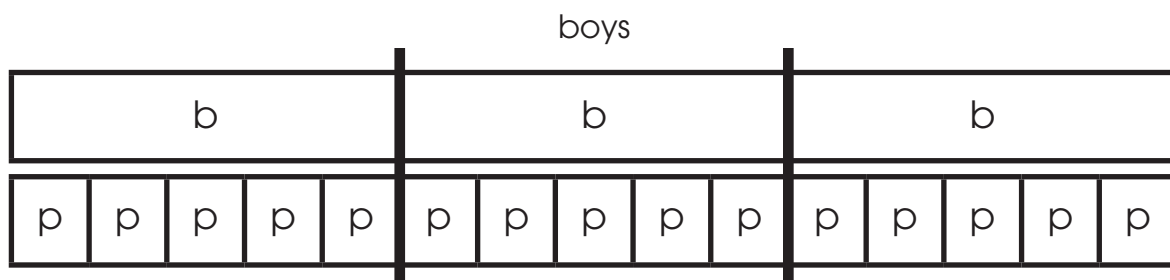


athletes

$$\frac{6 \text{ bottles}}{3 \text{ athletes}}$$

Unit rate: 2 bottles per athlete

2. After the birthday party, there were 3 boys and 15 pizza slices leftover. If the boys are taking the pizza home, what is the unit rate of boys to pizza slices?



pizza slices

$$\frac{15 \text{ pizza slices}}{3 \text{ boys}}$$

Unit rate: 5 pizza slices per boy