Buckley or Gietzen

1. Henry plays on a baseball team. Each of his 25 times at bat was recorded below.

a. What is his ratio of at bats to strikeouts (in simplest form)?

_____to ____

b. In 50 times at bat, how many base hits should Henry get?

Strikeouts	10
Base Hits	8
Home Runs	4
Walks	3

Name_____

c. What is his ratio of walks to homeruns? _____ to _____

2. Use the information in the table to find the number of bowls needed to hold the candy.

Candy	45	90	120	150	210
Bowls	1.5		4	5	

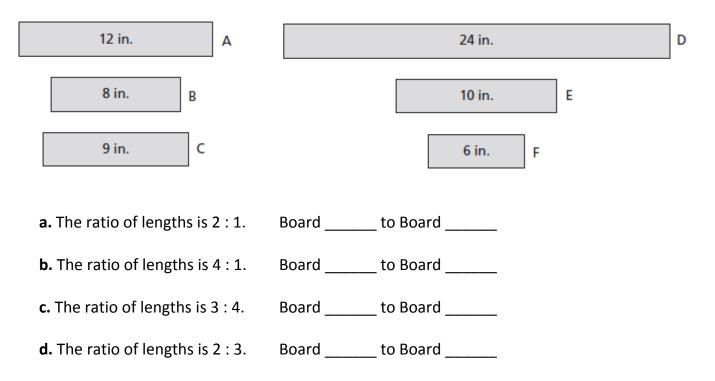
What is the **unit rate** of candy per bowl? ______

3. The table below shows the money that Kyle makes mowing lawns. Use the table to answer the following questions.

July Earnings					
Week	Lawns Mowed	Total Income (dollar			
1	6	84			
2	2	28			
3	3				
4		70			

- a. Kyle charges the same amount per lawn for each lawn he mows. Fill in the missing values above.
- b. What is the unit price? _____
- c. If Kyle mows 48 lawns over the entire summer, how much money will he earn?

4. Sara measures the lengths of six boards he finds in her garage. Name two boards she could be comparing for each ratio given.



MULTIPLE CHOICE: (Circle) the best answer for #5-7.

5. Stephanie has a fish tank with 6 adult fish and 27 baby fish. What is the ratio of adult fish to baby fish in the tank?

A. 6:1 B. 9:2 C. 1:6 D. 2:9

6. Ricardo has a bag of mixed fruit snacks. In the bag, there are 12 cherry fruit snacks and 18 strawberry fruit snacks. What is the ratio of strawberry to cherry?

A. 1:12 B. 12:1 C. 3:2 D. 2:3

- 7. In the cafeteria's refrigerator, there are 10 bottles of orange juice and 20 bottles of apple juice. What is the ratio of bottles of orange juice to bottles of apple juice in the cafeteria's refrigerator?
 - A. 1:2 B. 2:1 C. 10:1 D. 1:10

Find the unit rate for each situation below.

8. Trisha drives 200 miles in 4 hours.

9. Cans of baked beans cost \$2.40 for 3 cans.

10. Derek put 26 batteries into 13 smoke detectors.

11. Crystal spent \$83.70 on 6 tickets to the theater.

12. Garrett needs 0.5 hour to install 4 new tires.

13. There are 630 calories in 6 bananas.

- **14.** George is planning his road trip. He uses a **rate table** to determine the cost of a certain number of gallons of gas.
 - **a.** Fill in the <u>missing values</u> in the table.

Gallons of Gas	3	5	6		10
Cost (\$)	12		24	32	40

- **b.** How many gallons of gas did he buy if it cost \$80?
- c. What is the cost of 13 gallons of gas?
- **d.** What is the **unit rate** in cost per gallon?

15. Peter is babysitting his little cousins over October break. He earned <u>\$42 in 6 hours</u>.

- a. What is the ratio of the total dollars earned to the number of hours it took?
- **b.** Write the ratio (from part **a**) as a **unit rate**.
- **c.** If Peter wants to earn \$63 babysitting during Thanksgiving break, <u>how many hours</u> would it take him?