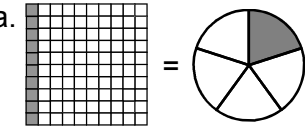
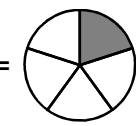
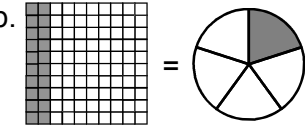
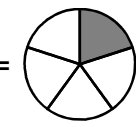
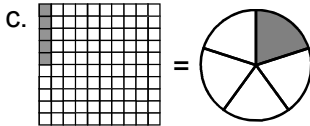
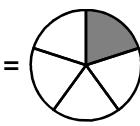


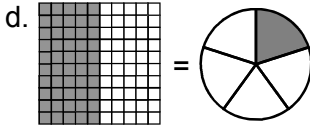
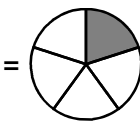
# MATH MADNESS #100

1. Which decimal and fraction model are shaded to represent the same value?

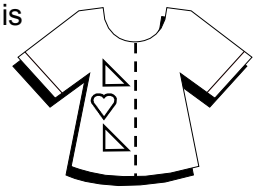
a.  = 

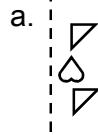
b.  = 

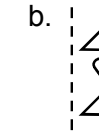
c.  = 

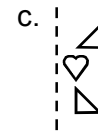
d.  = 

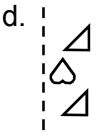
5. Cruise designed one side of this T-shirt. Cruise then created a reflection of the design on the other side of the dotted line. Which of the following shows that reflection?



a. 

b. 

c. 

d. 

2. John ran *more than*  $\frac{1}{2}$  of a mile. Which of the following could be the distance John ran?

- a.  $\frac{3}{8}$  mile
- b.  $\frac{2}{5}$  mile
- c.  $\frac{3}{6}$  mile
- d.  $\frac{2}{3}$  mile

6. Carrie made 4 quarts of strawberry lemonade. How many one cup servings did she make?

- a. 12
- b. 14
- c. 16
- d. 18

3. Solve:

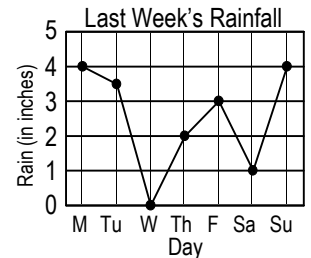
$$486 \div 4 =$$

- a.  $120\frac{1}{2}$
- b. 121
- c.  $121\frac{1}{2}$
- d. 1,201

7. Gail made this line graph to show last week's rainfall.

On which day did it rain half as much as it did on Sunday?

- a. Monday
- b. Tuesday
- c. Wednesday
- d. Thursday



4. Doug bought a carton of 18 eggs. If he used  $\frac{1}{2}$  of the eggs, how many eggs are left?

- a. 6
- b. 9
- c. 16
- d. 20

8. Mrs. Winger has 22 flowers in her garden. She picked a dozen flowers for her mother and 4 for a friend. Which expression could be used to find the number of flowers left in her garden?

- a.  $22 - (12 + 4)$
- b.  $22 - (12 - 4)$
- c.  $22 + (12 + 4)$
- d.  $22 + (12 - 4)$

## 9 & 10 (2 points) Short Answer / Extended Response

Amy has \$19. She wants to buy a bike that costs \$137.

Write an equation that Amy can use to find how many more dollars,  $d$ , she needs to buy the bike.

\_\_\_\_\_

How many more dollars does Amy need to buy the bike? \_\_\_\_\_