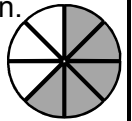


# MATH MADNESS # 50

1. Caroline is reading a book that is 400 pages long. She read 86 pages of her book last week and 45 pages this week. How many more pages does she have to read to be **exactly half way** through the book?

- a. 69
- b. 169
- c. 200
- d. 269

5. This figure is shaded to represent a fraction.



Which of the following is shaded to show a fraction that is *greater* than the area above?

- a.
- b.
- c.
- d.

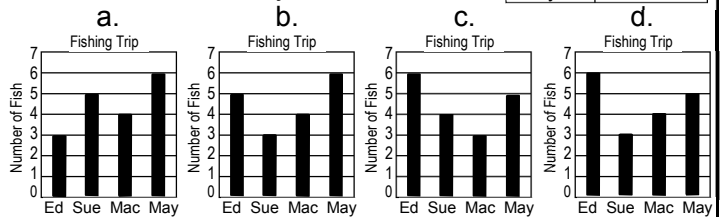
2. Which represents the unknown value in the following statement?

$$30 \div a = 5$$

- a. 30
- b.  $\div$
- c.  $a$
- d. 5

6. This table shows the number of fish several children caught on a fishing trip. Which graph below shows this information correctly?

Number of Fish Caught	
Ed	6
Sue	3
Mac	4
May	5

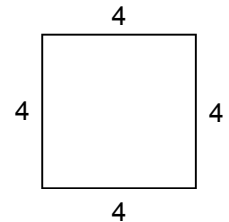


3. Which number sentence is true?

- a. 2 tens = 200
- b. 14 hundreds = 1,400
- c. 16 ones = 160
- d. 18 thousands = 1,800

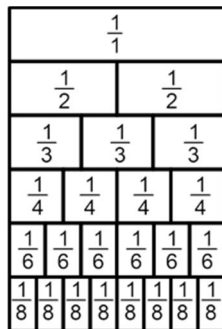
7. Which expression could be used to find the area of the square below?

- a.  $4 + 4 + 4 + 4$
- b.  $4 \times 4$
- c.  $4 \times 2$
- d.  $4 + 4$



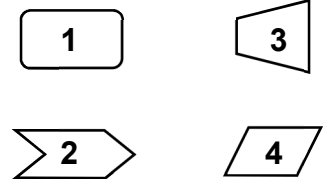
4. Which set of fractions is ordered from greatest to least?

- a.  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{5}{6}$
- b.  $\frac{5}{6}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{1}{4}$
- c.  $\frac{5}{6}$ ,  $\frac{1}{2}$ ,  $\frac{3}{8}$ ,  $\frac{1}{4}$
- d.  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{8}$ ,  $\frac{5}{6}$



8. Which figure is a parallelogram?

- a. Figure 1
- b. Figure 2
- c. Figure 3
- d. Figure 4



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

Draw points on the number line for  $\frac{1}{4}$ ,  $\frac{2}{4}$ ,  $\frac{3}{4}$ ,  $\frac{4}{4}$ ,  $\frac{5}{4}$ ,  $\frac{6}{4}$ ,  $\frac{7}{4}$ ,  $\frac{8}{4}$ . Be sure to label each point.

