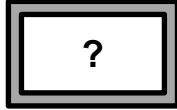


MATH MADNESS # 25

1. A number belongs in this box. When the number is rounded to the nearest hundred, the result will be 800?



Which number belongs in the box?

- a. 729
- b. 780**
- c. 851
- d. 899

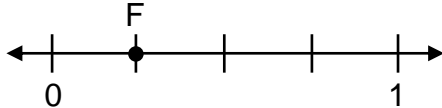
5. Carson has 42 beads that she will use to make six bracelets. She plans on using an equal number of beads for each bracelet. The equation below can be used to find the total number of beads she will use for each bracelet.

How many beads will Carson use for each bracelet?

$$42 \div 6 = \underline{\quad ? \quad}$$

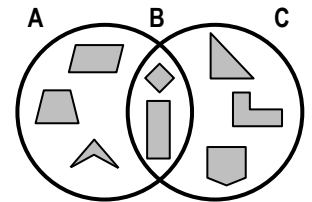
- a. 7**
- b. 8
- c. 46
- d. 48

2. Which measure best represents the distance from 0 to point F on the number line?



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

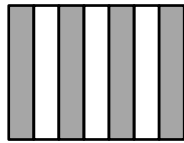
6. Thomas made this Venn diagram using polygons.



Which of the following could be used to label part A?

- a. parallelograms
- b. pentagons
- c. quadrilaterals**
- d. squares

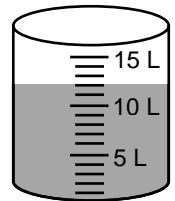
3. Mary drew this rectangle. She divided it into equal sections and shaded some of the sections. What fraction of the rectangle did she shade?



- a. $\frac{3}{7}$
- b. $\frac{4}{7}$**
- c. $\frac{3}{4}$
- d. $\frac{7}{4}$

7. Ms. Henry filled the container below with water. She asked one of her students to pour an equal amount of water into four different containers.

How much water should her student pour into each container?

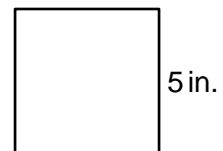


- a. 3 liters**
- b. 4 liters
- c. 6 liters
- d. 8 liters

4. A teacher has 346 books in her classroom library. This morning she received a shipment of 65 new books. If she removed 12 books from her inventory due to damage, how many books does she now have in her classroom library?

- a. 293
- b. 389
- c. 399**
- d. 423

8. Emily drew this square. She used a ruler and measured one side. What is the perimeter of the square?



- a. 5 inches
- b. 10 inches
- c. 15 inches
- d. 20 inches**

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

A pet store sold 70 fish and 30 hamsters over the weekend. Each fish sold for \$2 and each hamster sold for \$8. The pet store donated \$150 of their weekend sales to a local animal shelter and used the remaining money to buy pet supplies for the store. How much money does the pet store have for pet supplies?

The pet store has \$230 for pet supplies.