# MATH MADNESS # 25

1. There are 1,174 elementary schools in Virginia. What is 1,174 rounded to the nearest hundred?
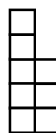
   a. 1,000
   b. 1,170
   c. 1,180
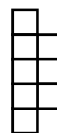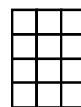   d. 1,200

5. Which figure has the largest perimeter?

   a.          b.          c.          d.



2. Look at the numbers in the two boxes. Which of the following is a true statement?
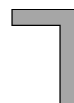
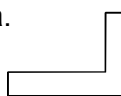   | Box A | | Box B | |
   |---|---|---|---|
   | 245 | 401 | 428 | 495 |
   | 328 | 145 | 504 | 686 |

   a. All the numbers in Box A are odd.
   b. All the numbers in Box B are even.
   c. All the numbers in Box B are greater than the numbers in Box A.
   d. All the numbers in Box A are less than 400.

6. Which figure is congruent to the shaded figure?

   a.          b.          c.          d.



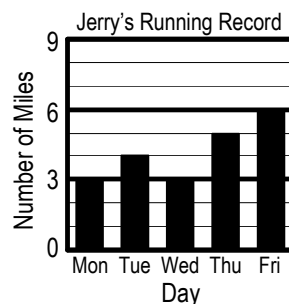3. This figure is shaded to represent 1 whole.

   What is [ ] + [ ] =

   a. $\frac{1}{6}$     c. $\frac{5}{6}$

   b. $\frac{5}{12}$     d. $\frac{7}{5}$

7. Jerry made this bar graph to show how many miles he ran last week.

   How much farther did he run on Friday than Tuesday?

   a. 2 miles   c. 6 miles
   b. 4 miles   d. 10 miles



4. If 12 children were each given 2 cookies, which multiplication sentence shows the total number of cookies given out?

   a. 2 × 12 = 24
   b. 2 × 6 = 12
   c. 24 × 12 = 2
   d. 6 × 2 = 12

8. This number sentence shows an example of the commutative property of multiplication.

   **5 × 8 = 8 × 5**

   Which number, if placed in the box, will model the same property?

   **6 × 9 = 9 × □**

   a. 5      c. 18
   b. 6      d. 54

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

Brock will pick two of the following cards without looking.

   3  6  1

Using the words: *certain*, *impossible*, *unlikely*, or *likely*, describe the probability the sum of the cards he picks will be odd. Be sure to list all possible sums.

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