

Name: \_\_\_\_\_

Grade: \_\_\_\_\_

**Written Test**

Directions: Answer the following questions. Place your answers on the line given. You don't have to write the units. (Correct answers are worth 8 points each; incorrect answers are 0 points.)

Have fun!!! ☺

1. I threw 9 coins into the air. If twice as many coins landed heads-up as landed tails-up, how many coins landed heads-up?

Answer: \_\_\_\_\_

2. If a monkey ate 1 banana every 4 hours, it ate \_\_\_\_?\_\_\_\_ bananas in 5 days.

Answer: \_\_\_\_\_

3. The perimeter of a rectangular garden is 60 feet. If the length of the field is twice the width, what is the area of the field, in square feet?

Answer: \_\_\_\_\_

4. In the list {2, 5, 11, 17, 20} what is the difference between the mean and the median?

Answer: \_\_\_\_\_

5. A school meeting is being held on the 199<sup>th</sup> day of the calendar year. In what month is the meeting?

Answer: \_\_\_\_\_

6. Bo, Coe, Flo, Jo, and Moe have different amounts of money. Neither Jo nor Bo has as much money as Flo. Both Bo and Coe have more than Moe. Jo has more than Moe, but less than Bo. Who has the least amount of money?

Answer: \_\_\_\_\_

7. In a jumbo bag of bows,  $\frac{1}{5}$  are red,  $\frac{1}{2}$  are blue,  $\frac{1}{10}$  are green, and the remaining 30 are white. How many of the bows are green?

Answer: \_\_\_\_\_

8. How many different four-digit numbers can be formed by rearranging the four digits in 7005?

Answer: \_\_\_\_\_

9. Evaluate the following:

$$2\left(1 - \frac{1}{2}\right) + 3\left(1 - \frac{1}{3}\right) + 4\left(1 - \frac{1}{4}\right) + \cdots + 10\left(1 - \frac{1}{10}\right) = ?$$

Answer: \_\_\_\_\_

10. A 60 foot by 20 foot garden is enclosed by a fence. To increase the area of the garden, while still using the same fence, its shape is changed to a square. By how many square feet does this enlarge the garden?

Answer: \_\_\_\_\_