Student Name: _____

Teacher: _____ Date: _____

District: Miami-Dade County Public Schools

Assessment: 07 Mathematics Mathematics Benchmark 3

Description: MAFS.7.EE.2.4

Form: 201

1. There are 19 birds in a pond, all of which are ducks or geese. If the number of ducks in the pond is 1 more than twice the number of geese in the pond, how many geese are in the pond?

   A. 6
   B. 9
   C. 10
   D. 13

2. Trina increased the water in her new backyard fish pond by forty gallons and needs to add more. Her pond can hold a maximum of 256 gallons. Her garden hose can add 48 gallons of water in 2 minutes. Write an inequality in terms of ***m*** to represent the number of minutes Trina can run the water hose to add more water to the pond without adding the maximum amount in case of rain.

   A. 7
   B. 7.5
   C. 8
   D. 9.75
   E. 10.3

3. The perimeter of a rectangular garden is 37.5 feet (ft). The width is x, and the length is 15 ft. What is the width, in feet, of the garden?

   A. 7.5 feet
   B. 1.875
   C. 8
   D. 3.75

4. A community is planning to build a rectangular garden. The width of the garden is $\frac{27}{4}$ feet (ft), and the perimeter of the garden is 37.5 ft. The community planners want to spread mulch on the entire garden. How many square feet of mulch will be needed?

   A. 12
   B. 24
   C. 81
   D. 144

5. Ronnie needs to earn more than $460 every month so he can save enough to go on vacation at the end of the year. He is paid $9.50 per hour and a monthly bonus of $60. Write an inequality that represents this situation, where ***h*** represents the number of hours that Ronnie needs to work in a month to earn more than $460 and meet his goal.

   What would be the minimum number of hours, rounded to the nearest whole, that Ronnie would have to work?

   A. 40 hours
   B. 41 hours
   C. 42 hours
   D. 43 hours