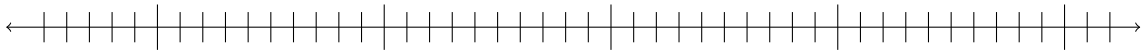


# Quiz 1, MTH 2010 - No Calculators

Dr. Graham-Squire, Fall 2014

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

1. (1 point) Round 13,536 to the nearest thousand.
  
2. (1 point) Correctly place -1.1 and -0.87 on the number line below in such a way that the numbers are distinct. Use tick marks appropriately, but the numbers -1.1 and -0.87 do not have to land on a tick mark. You do NOT need to use the whole number line!

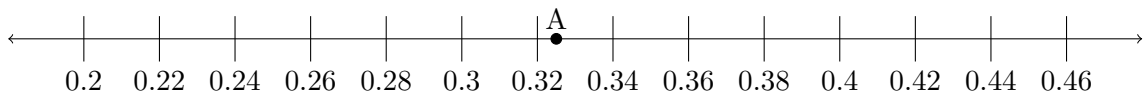


3. (2 points) Dominic has  $\frac{2}{3}$  of a chocolate bar. He wants to give a piece to his sister Eva, but still have  $\frac{1}{2}$  of the chocolate bar for himself. What fraction of the chocolate bar should Dominic give to Eva? Use a math diagram to explain your answer.

4. (3 points) A class is using base-ten block to represent numbers. A large cube represents 1000, a flat represents 100, a rod represents 10, and a little cube represents 1. Which of these is not a correct representation for 2,347?

- (a) 2 large cubes, 3 flats, 47 rods
- (b) 23 flats, 4 rods, 7 little cubes
- (c) 2 large cubes, 3 flats, 4 rods, 7 little cubes
- (d) 2 large cubes, 34 rods, 7 little cubes

5. (3 points) Below is a portion of a number line.



Point A is one-quarter of the distance from 0.32 to 0.34. What number is represented by point A?

- (a) 0.33
- (b) 0.325
- (c) 0.3225
- (d) 0.32