Quiz 1A, MTH 2010 - No Calculators

Dr. Graham-Squire, Spring 2015

Name: _____

1. (2 points) Using math drawing(s), explain why dividing both the numerator and denominator of the fraction $\dfrac{6}{8}$ by two produces an equivalent fraction. How does division by 2 show up in your math drawing(s)?

2. (2 points) Round 734.91351 to the nearest
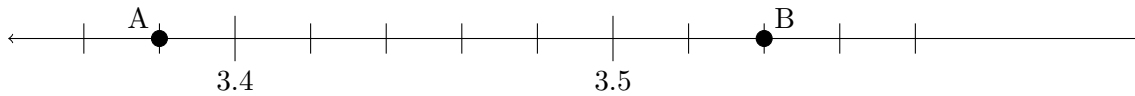
   (a) Ten: _____

   (b) Ten thousand: _____

   (c) Tenth: _____

   (d) Thousandth: _____

3. (3 points) Consider the following number line:

What is the distance between the points A and B?

    (i) 0.15

    (ii) 0.16

    (iii) 1.3

    (iv) 8

4. (3 points) Which of the lists below is in order from least to greatest?

    (i) $-0.033,\ -0.03,\ 0.03,\ 0.033$

    (ii) $-0.03,\ -0.033,\ 0.033,\ 0.03$

    (iii) $-0.03,\ -0.033,\ 0.03,\ 0.033$

    (iv) $-0.033,\ -0.03,\ 0.033,\ 0.03$