

Quiz 1A, MTH 2010 - No Calculators

Dr. Graham-Squire, Spring 2017

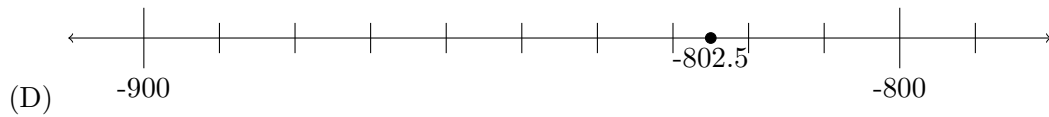
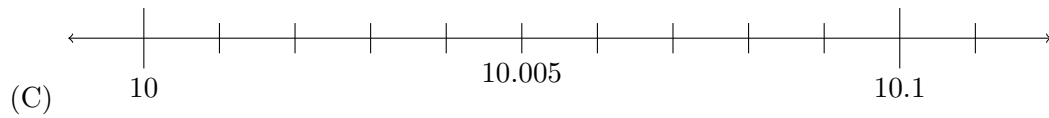
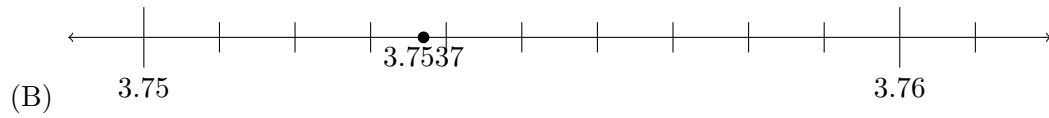
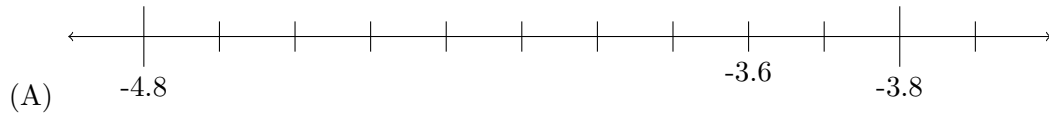
Name: _____

1. (4 points) In Jennifer's house, $\frac{1}{4}$ of the first floor is taken up by the living room. $\frac{1}{5}$ of the living room is covered with Iris's Lego projects.

(a) What fraction of the first floor is covered by Iris's Lego projects? Use a math diagram to assist with explaining your answer.

(b) Explain how the Lego project can be described by two different fractions, depending on what *whole* you are referring to.

2. (3 points) Which of the following is a correct number line, according to our decimal system? Show/explain your work, if possible.



3. (3 points) Round 74.9125 to the nearest

(a) Tenth: _____

(b) Thousandth: _____

(c) Ten: _____

(d) Hundred: _____

(e) Whole number: _____

(f) Ten thousand: _____