**3.1 – What Is a Rational Number?**

**Natural numbers:** the counting numbers (1, 2, 3, …)

**Whole numbers:** the counting numbers, plus 0 (0, 1, 2, 3, …)

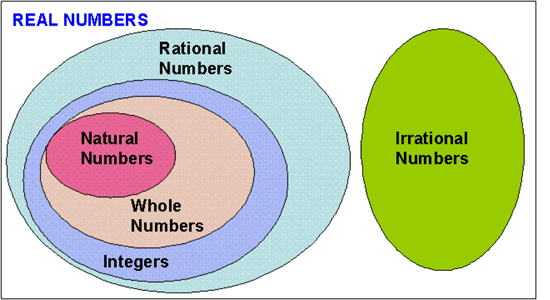
**Integers:** positive, negative, or zero whole numbers (…, -3, -2, -1, 0, 1, 2, 3, …)

**Rational numbers:** numbers that can be written in fraction form - this includes decimal numbers that are infinite but have a recurring pattern

Ex.

**Irrational numbers:** numbers that cannot be written as fractions – in other words, decimal numbers that are infinite and patternless

Ex.

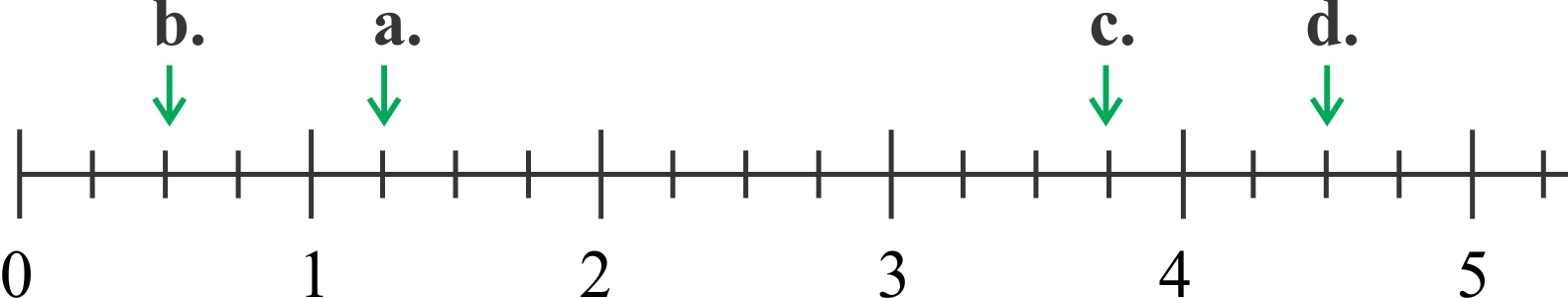


Ex. 1: Which rational number is greater?

1. -3.2 vs. -3.26 (b) vs.

(c) vs. (d) 1.32 vs.

Ex. 2: Write the fraction represented by each letter.



Ex. 3: Without using a calculator, order these rational numbers from least to greatest.

Assignment: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_