

Lesson 6-3 : Rational Numbers

SWBAT: Show that numbers are rational and to plot rational numbers on a number line.

Rational Number:

- Any number that can be written as _____
(this means as a _____!)
- To see if a number is rational, just _____!

Ex: $1\frac{2}{3} =$ $0.4 =$ $2 =$ $-0.38 =$

Irrational Numbers:

- Pi is an irrational number
- Never ends and never repeats

Plotting on a number line:

- Draw a number line and scale it correctly!
- If you have a decimal, scale your line by the place value.

Ex: 1. 2.

- If you have a fraction, scale your line by a fraction number

Ex: 1. 2.

Ex:

Plot $\frac{4}{6}$ and $\frac{-5}{6}$ on a number line

Plot 1.8 and -0.3 on a number line