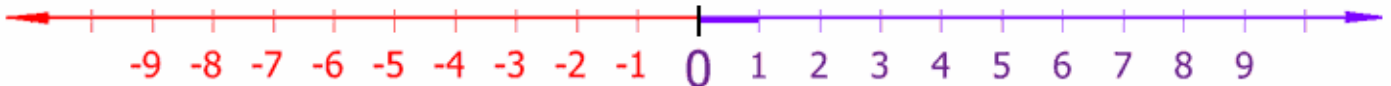# Prior Knowledge Skills Warm-Ups

Group students based on needs deomnstrated after grading assessment.

Number Sense

<u>Notes</u>

Number Sense is how you think about numbers. Study the numberline below and describe what you see. Give at least three specific things that you notice about the numberline.

<u>Extra Practice</u>

http://www.mathsisfun.com/numbers/index.html

Computation with Rational Numbers

<u>Notes</u>

Rational numbers include all numbers, both positive and negative, along with fractions and decimals. In this unit, you need to be fluent in adding, subtracting, multiplying, and dividing decimals. You also need to be fluent in multiplying and dividing fractions.

- Adding decimals hint - Line up the decimals and add. Drop the decimal down into your anwer.
- Subtractng decimals hint - Line up the decimals and subtract. Drop the decimal down into your answer.
- Multiplying decimals hint - Line up the digits and multiply. Count up the number of decimal places in your problem and put the same amount of decimal places in your answer.
- Dividng decimals hint - If you do not have a decimal in your divisor, bring your decimal in your dividend straight up and divide. If you have a decimal in your divisior, move the decimal to the right until you have whole number as your divisor. Move the decimal the same amount of places in your dividend. Bring your decimal in your dividend straight up and divide.
- Multiplying fractions hint - Turn any mixed number into an improper fraction. Multiply numerator by numerator and denominator by denominator. Simplify.
- Dividing fractions hint - Turn any mixed number into an improper fraction. Rewrite the problem by multiplying by the reciprocal. Multiply numerator by numerator and denominator by denominator. Simplify.

<u>Extra Practice</u>

http://www.mathsisfun.com/decimals-menu.html