## Unit 7 Lesson 4: Ordering Rational Numbers

### 1 How Do They Compare? (Warm up)

#### Student Task Statement

Use the symbols >, <, or = to compare each pair of numbers. Be prepared to explain your reasoning.

* 12 \_\_\_\_\_ 19
* 212 \_\_\_\_\_ 190
* 15 \_\_\_\_\_ 1.5
* 9.02 \_\_\_\_\_ 9.2
* 6.050 \_\_\_\_\_ 6.05
* 0.4 \_\_\_\_\_ $\frac{9}{40}$
* $\frac{19}{24}$ \_\_\_\_\_ $\frac{19}{21}$
* $\frac{16}{17}$ \_\_\_\_\_ $\frac{11}{12}$

### 2 Ordering Rational Number Cards

#### Student Task Statement

Your teacher will give you a set of number cards. Order them from least to greatest.

Your teacher will give you a second set of number cards. Add these to the correct places in the ordered set.

### 3 Comparing Points on A Line

#### Student Task Statement

1.
* 
* Use each of the following terms at least once to describe or compare the values of points $M$, $N$, $P$, $R$.
	+ greater than
	+ less than
	+ opposite of (or opposites)
	+ negative number
1. Tell what the value of each point would be if:
	1. $P$ is $2\frac{1}{2}$
	2. $N$ is -0.4
	3. $R$ is 200
	4. $M$ is -15



© CC BY Open Up Resources. Adaptations CC BY IM.