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

- 15 _____ 1.5

- 6.050 _____ 6.05

- $\frac{19}{24}$ _____ $\frac{19}{21}$

- 212 _____ 190

- 9.02 _____ 9.2

- 0.4 _____ $\frac{9}{40}$

- $\frac{16}{17}$ _____ $\frac{11}{12}$

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.
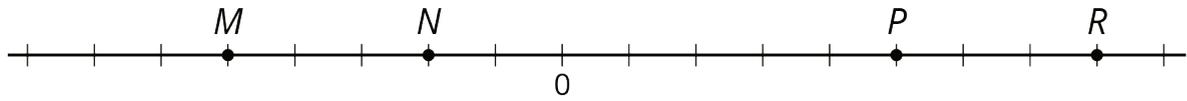
   Use each of the following terms at least once to describe or compare the values of points M, N, P, R.

   - greater than
   - less than
   - opposite of (or opposites)
   - negative number

2. Tell what the value of each point would be if:

   a. P is $2\frac{1}{2}$

   b. N is -0.4

   c. R is 200

   d. M is -15