CUISENARIE RODS ACTIVITY

Directions: Use Cuisenaire Rods to explore the problems below.

1. Find how many different colors and lengths there are.

2. Build a staircase, flat on the desk, using one of each length.

3. Show all the pairs of rods for which one is half the length of the other (e.g., the red rod is half as long as the purple rod: p = 2r or r = $\frac{1}{2}p$. Record, in two ways, the relationship for each of the other pairs of rods for which one is half the other.

4. Find pairs of rods that show thirds, fourths, fifths, and so on, up to tenths. Record each relationship in two ways. Compare with other groups to see if you have found all the possible relationships.

5. Now investigate the relationship between other pairs of rods, recording the relationship in two ways. Start with the problems below.
   a. red and light green
   b. red and blue
   c. purple and orange
   d. purple and yellow
   e. orange and dark green