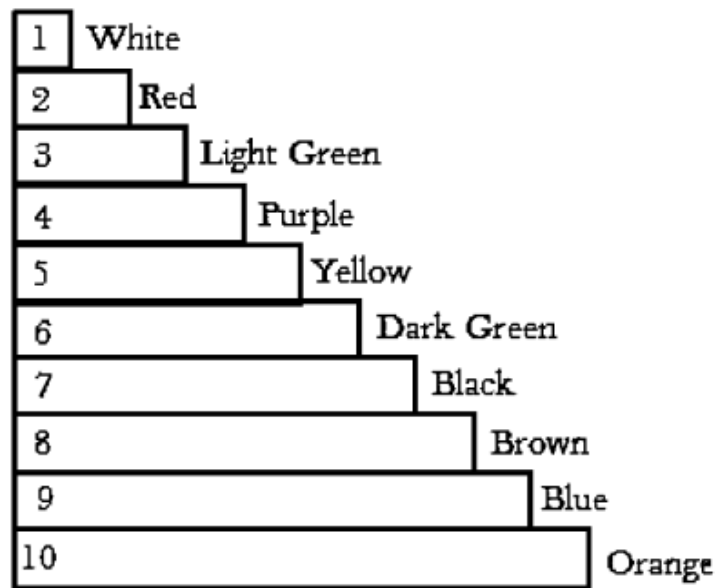


Overview of Cuisenaire Rods Manipulative

Cuisenaire rods are length models used to teach various mathematics concepts. The lengths are color coded according to their length in centimeters (see image below). Thus, all white rods are 1cm long, all red rods are 2cm long, and so forth.



Since Cuisenaire rods do not have individual units marked on the rods, teachers can assign any length to a rod and have students determine the length of other rods by comparison. For example, if a teacher states that a dark green rod is 1 long, they can ask students to find the rod that is $\frac{1}{2}$ (light green), $\frac{1}{3}$ (red), etc. This versatility makes Cuisenaire rods ideal for teaching several topics in mathematics.

Description of Dot and Length Array Activity

The attached 7 by 8 array includes 56 one-centimeter dots arranged in such a way that seven 8cm rods or eight 7cm rods can be laid overtop to match precisely. This is meant to facilitate the row & column multiplicative structure, as well as other potential relationships for multiplicative reasoning.

