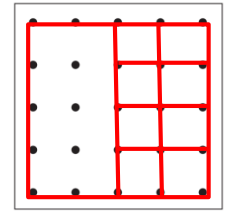


Equivalent Fractions on a Geoboard



Materials: geoboards, rubber bands, geoboard recording paper

$$\frac{1}{2} = \frac{8}{16}$$

1. Make the largest square possible on a geoboard. Partition the square to show two equal regions.
2. Partition one region to show a fraction that is equivalent to one-half.
3. Record your work on geoboard paper. Write the fraction each part of the square represents.
4. Show at least four different ways you can partition one region to show an equivalent fraction for one-half. Record your work.
5. Order your solutions. Describe any patterns that you notice.