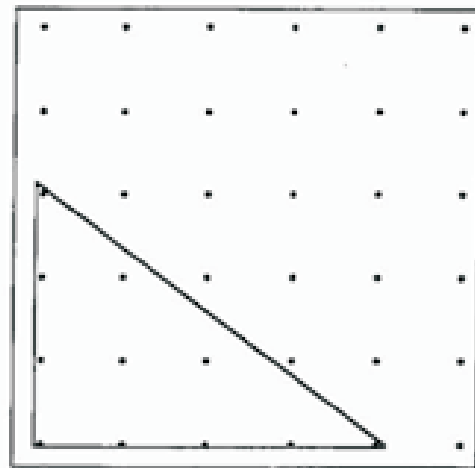


Geoboards

Task:

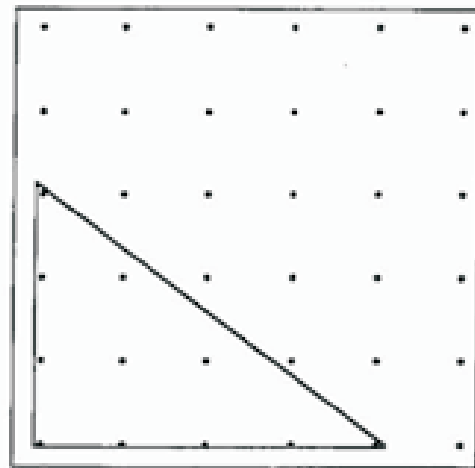
- What fractions between 0 and $\frac{1}{2}$ can you represent on the geoboard?
- How many ways can you show $\frac{1}{5}$ or 20%?
- Represent on a geoboard the fraction of combustible materials on our classroom walls. Explain if we meet the fire code requirements.



Geoboards

Task:

- What fractions between 0 and $\frac{1}{2}$ can you represent on the geoboard?
- How many ways can you show $\frac{1}{5}$ or 20%?
- Represent on a geoboard the fraction of combustible materials on our classroom walls. Explain if we meet the fire code requirements.



Geoboards



BIG Ideas

- Fractions can represent parts of wholes, parts of sets, parts of measures, divisions or ratios. A Fraction is not meaningful without knowing what the whole is.



Curriculum Expectations

- Number Sense and Numeration: Read, represent, compare and order whole numbers, decimal numbers, and fractions.



Links ...to other ideas using this manipulative:

- Minds On – Literature Link: “Ontario Fire Code Application to Education” – According to regulation 2.10.2.1 for elementary schools, combustible artwork and teaching materials that are attached to walls shall not exceed 20% of the area of the walls.
- Edugains ideas for Geoboards: <http://tinyurl.com/Junior-Geoboards> ➔



Geoboards



BIG Ideas

- Fractions can represent parts of wholes, parts of sets, parts of measures, divisions or ratios. A Fraction is not meaningful without knowing what the whole is.



Curriculum Expectations

- Number Sense and Numeration: Read, represent, compare and order whole numbers, decimal numbers, and fractions.



Links ...to other ideas using this manipulative:

- Minds On – Literature Link: “Ontario Fire Code Application to Education” – According to regulation 2.10.2.1 for elementary schools, combustible artwork and teaching materials that are attached to walls shall not exceed 20% of the area of the walls.
- Edugains ideas for Geoboards: <http://tinyurl.com/Junior-Geoboards> ➔

