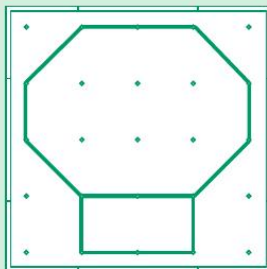
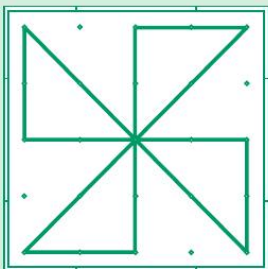
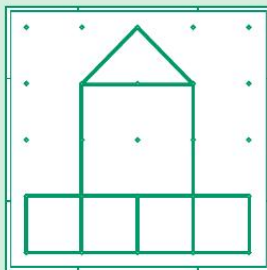
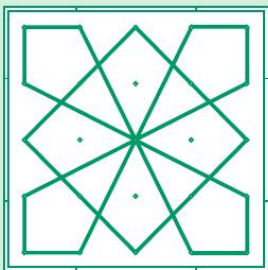
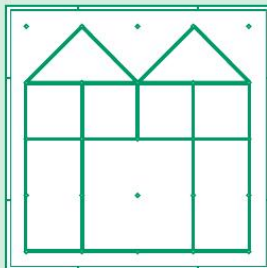
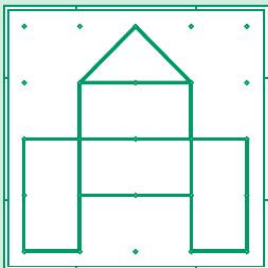


13. Create figures



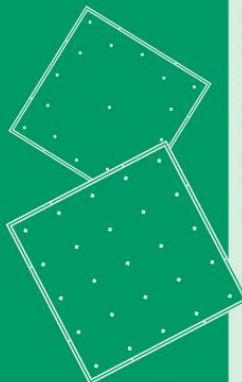
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TEACHING AID
#1601

3+



DOUBLE SIDED GEOBOARD

This geoboard is made of durable polypropylene, sized about 17.5cm x 17.5cm.

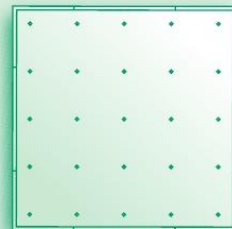
One side has 5x5 pin array, the other side has a 12 pin circular arrangement.

Pin heads are flattened so that the rubber bands won't slip off when used to link pins together.

Each side of board is designed so that the boards are stackable and easy to operate.

Each set includes 8 geoboards, 200 rubber bands and a guide.

With these geoboards and rubber bands kids can explore, compare, make geometric shapes and designs; compare similarities and differences of shape and size; count and work with symmetry, congruence, perimeter, area, fractions and angles. The manipulation of math concepts on the geoboard will help kids share their understandings both visually and concretely.

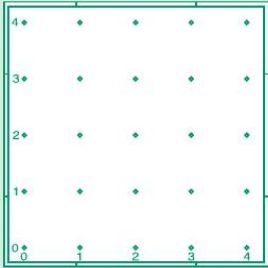


X8



X200

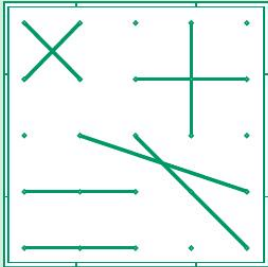
Learning process with geoboard



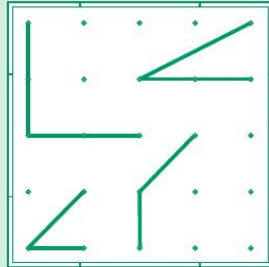
1. Locate points (pins) on a grid of geoboard.



2. Construct line segments and endpoints



3. Make parallel lines and intersecting lines



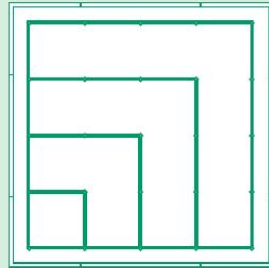
4. Identify the sides and vertex of angles



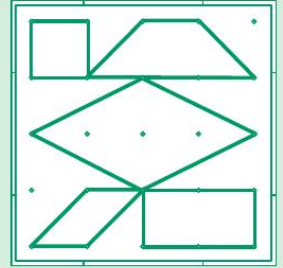
5. Make triangles



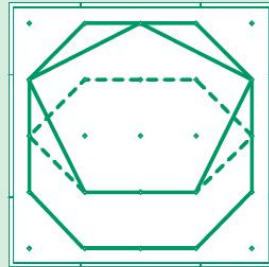
6. Identify right triangle, acute triangle and obtuse triangle



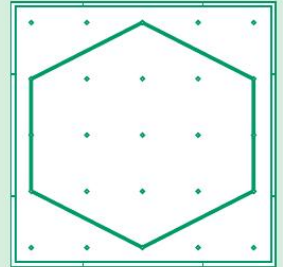
7. Make quadrilaterals



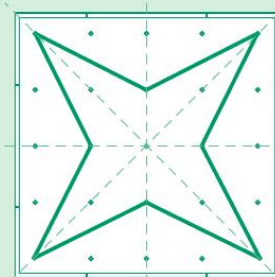
8. Identify square, rectangle, trapezoids, rhombus and parallelogram



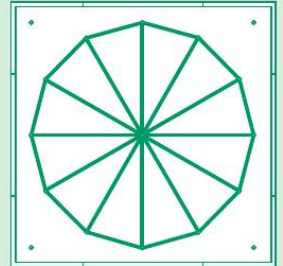
9. Classify polygons up to eight sides



10. Estimate and calculate the perimeter and area of a polygon



11. Identify symmetry, congruence and similarity



12. Identify parts of a square or a circle