



## Lost in the Mighty Math City

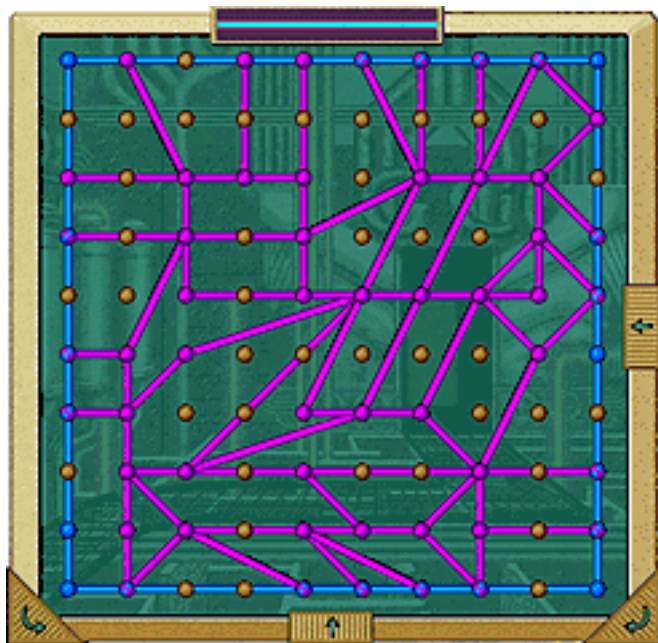


You and your child can do this activity together with the [FREE electronic Geoboard](#), which you can [download](#) from this page, or with the geoboard in [Mighty Math Number Heroes](#).

In [Mighty Math Number Heroes](#), kids use the GeoComputer's geoboard to solve puzzling geometry problems that the roving Geobot encounters as he flies above Mighty Math City.

Perhaps you can help the Geobot solve a mystery using the GeoComputer's geoboard. First, use the Line Tool and Color Tool to copy this design to your geoboard. Be careful to copy every line segment exactly as it is here.





Now use the Line Tool and the Paint Bucket to color all the geometric figures on the geoboard, according to the directions below. If you can find all the shapes and color them correctly, you will discover who is hiding in the Mighty Math City's library. You need to fill the shapes in order. Good luck!

1. Find all the isosceles right triangles. Use the Fill tool to color them purple.
2. Next find all the other right triangles and color them red.
3. Find all the squares and color them white.
4. Find all the rectangles and color them purple.
5. Find all the concave quadrilaterals and color them yellow.
6. Find all the pentagons and color them yellow.
7. Find all the right trapezoids and color them purple.
8. Find all the hexagons and color them purple.
9. Find all the other trapezoids and color them yellow.
10. Find all the scalene triangles and color them purple.
11. Find all the other quadrilaterals and color them purple.
12. Find all the parallelograms and color them yellow.

Make your own design with triangles, rectangles, squares, and other shapes. Click the Save button to store your design. Then give it to a friend or family member to color. Tell the person what color each shape should be.



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