

Math Graphing Projects

Pre-Algebra

Pie Graph

Create a pie graph that categorizes the favorite colors of your classmates.

Line Graph

Create a line graph that shows the changes in temperature over the last week.

Bar Graph

Create a bar graph that shows what transportation options your classmates use to get to school (car, bus, bike, walking, and so on).

Diagram

Create a diagram of a tree fort, complete with height and width measurements.

Time Line

Create a time line of your math education, starting with the first grade.

Flowchart

Create a flowchart that shows the process you use to solve a word problem in math class.

Algebra

Pie Graph

Create a pie graph that divides the 24 hours of an average day, showing how you spend your time (sleep, school, homework, sports, TV, and so on).

Bar Graph

Create a bar graph comparing the color preferences of clothing between the guys and girls in your class.

Table

Create a wage table with hours (1-8) down the first column and hourly rates in \$0.50 intervals listed across the top (\$7-\$9 per hour). Complete the table, calculating the amounts earned at each rate for each hour.

Time Line

Create a time line of the key points in the history of algebra.

Flowchart

Create a flowchart that shows the process you use to find the slope and y-intercept.

Geometry

Bar Graph

Create a bar graph that compares the surface areas of household cylinders.

Table

Make a table that classifies convex quadrilaterals.

Diagram

Make a diagram of a piece of architecture that includes parallel lines.

Time Line

Create a time line of the key points in the development of geometry.

Flowchart

Create a flowchart that shows how to find the sine, cosine, and tangent of an isosceles right triangle.

Infographic

Make an infographic that classifies different types of triangles.