

day43 math class

Due: Tuesday 11/29/22 (6th period) Wednesday 11/30/22 (7th period)

Today you will write a program that helps you with something you're working on in your math class. Everyone's assignment will be different.

Possibilities:

- A program which asks for two points (x_1, y_1) (x_2, y_2) and calculates the slope of the line that goes through those points.
- A program which gives you the axis of symmetry, x intercept, vertex and y-intercepts of a parabola.
- A program which helps you with probability.
- A program which calculates the area and circumference of a circle, trapezoid, rectangle or other shapes that you're working with in class.
- Only you know what you're doing in your math class. What could help you?

How to begin:

Decide what you are going to do. I'll be walking around to talk to you about it. Go ahead and start even if we haven't talked.

Use one or more print calls to tell the user what you are going to be doing (in other words, tell them what the program will be doing).

Then do the thing.

Test it multiple ways. Use a try/except structure if you ask the user for numbers. Make your program work well.

If you finish early, you need to add more features in order to be busy working on this for at least one hour.

When you are done, copy output showing your tests and successful output and paste that into triple quotes after your code. Call me over to show off your creation. Get a classmate to run your program. Make sure it all works correctly.

Turn a share link in when you are done.