

Ishika Patel SAWS 2

- Design and make a graph that illustrates trends of the data in relation to tests of your hypothesis. See Skill H and Figure 2.2 for explicit details on how to make a graph and what to include in your graph. (2 pts.)

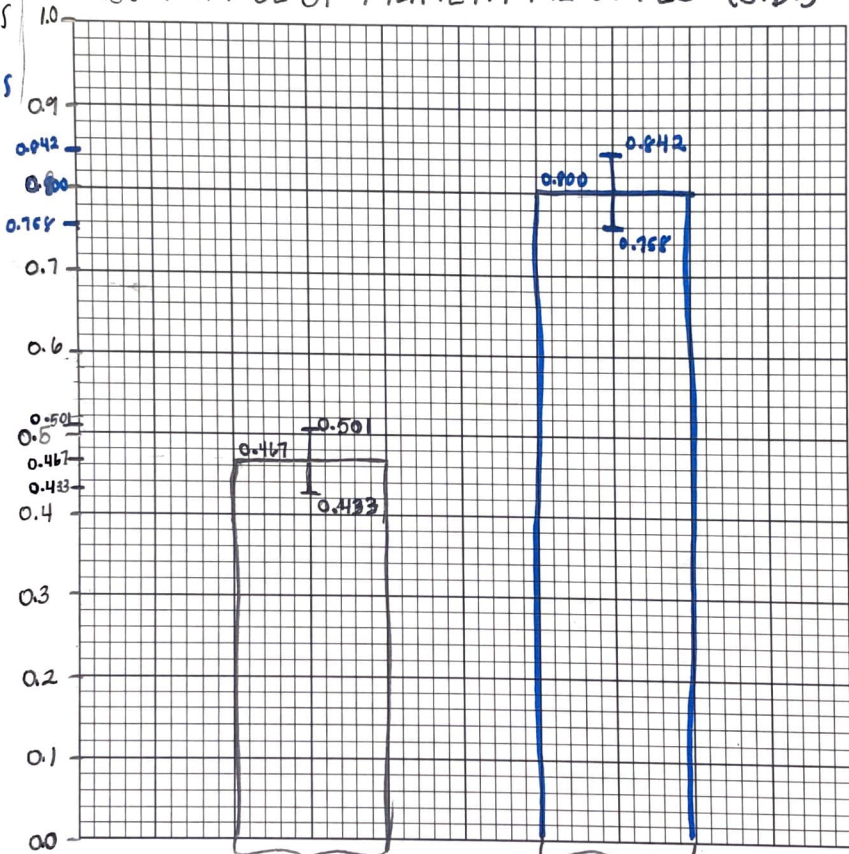
scale y axis: each \square is 0.02 units O.D.

legend

- water mean + standard error vals
- ethanol mean + standard error vals

SOLUTIONS FROM CHOPPED ONION AND MEAN ABSORBANCE OF PIGMENT MEASURED (O.D.)

MEAN ABSORBANCE MEASURED IN OPTICAL DENSITY (O.D.)
(dependent variable)



Control: solution from chopped onion in distilled water

Treatment: solution from chopped onion in 40% ethanol

SOLUTIONS
(independent variable)

rounded for 3 decimal vals	water	ethanol
mean absorbance (O.D.)	0.467	0.800
standard error (O.D.)	0.034	0.042