

Take a sample of 10 to 15 data items. Collect original data that has **continuous** variables such as measurements or time. Some examples are included below. Yours may be something entirely different.

- time to jog 200 steps, or to run around the block, or complete your morning jog
- weights of individual apples
- lengths of leaves from a single tree or multiple trees of the same species
- miles driven on your last tank of gas
- body temperature at random times of the day
- person's height

Complete the information below to describe your sample, and then determine if your sample is normally distributed. Use a normal probability plot. You can review the procedure in the video at <http://www.battaly.com/stat/classnotes/video/6.4NPP.mp4> DO NOT SUBMIT a plot from your computer or calculator. Use this sheet or a separate sheet of paper to draw the graph.

Variable (1/2) _____

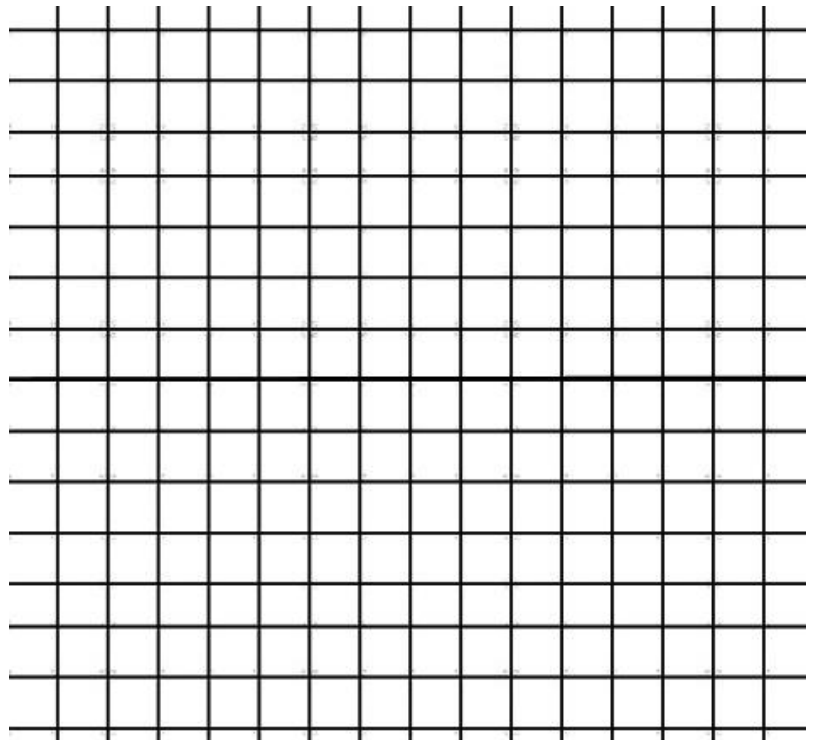
Units of measure (1/2) _____

Data: (2.5) sequenced normal score (2.5)

(points 2.5)

(axes 1/2)

1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____



Note: Be sure you have uniform axes.

Does your data appear to be normally distributed? (1/2) Why or why not? (1/2)
