

Stars and Slopes

Independent Activity

1. Students will plot the following data in log-log format.

X	1	2	3	4	5	6	7	8	9	10
Y	4	32	108	256	500	864	1372	2048	2916	4000

2. After completing the log-log plot, do you see a straight line?
3. What does this tell you about the equation?
4. What is the slope of the line?
5. What is the equation of the line?

