

NAME: _____

DATE: _____

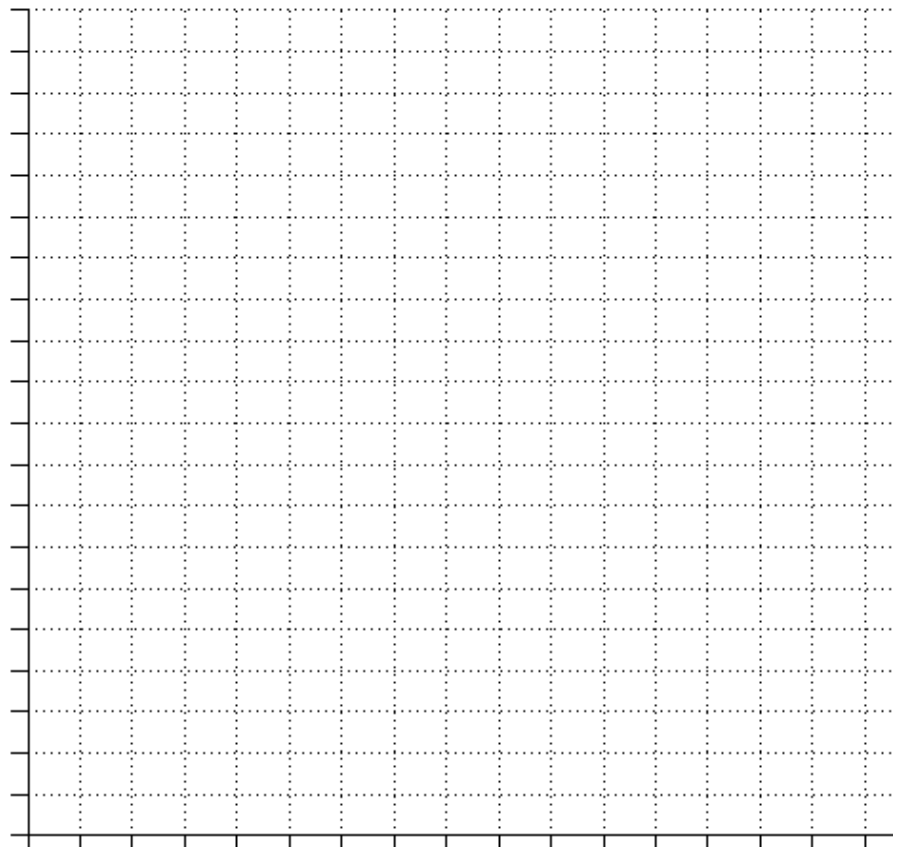
HOUR: _____

Bungee Jumping with Ken and Linear Equations

1. Conduct an experiment with Ken and collect data for the chart below.

Number of Rubber Bands (x)	Lowest Point Ken's Head Reaches (y)
0	
1	
2	
3	

2. Graph the data
3. What do you notice about the data?
4. Write an equation to model the data.



5. Predict the number of rubber bands that it will take for Ken to safely bungee.
as close to __ ft as possible.
HINT: Convert ____ ft to inches by setting up a proportion. (note: 1 ft = 12 inches)

6. Conduct an experiment to test your prediction.

Illinois Math & Science Academy
Remijan, Kelly W. "Bungee Jumping with Ken" (2021). Teacher Resources. 28.
https://digitalcommons.imsa.edu/pfs_tr/28/