

Barbie Bungee

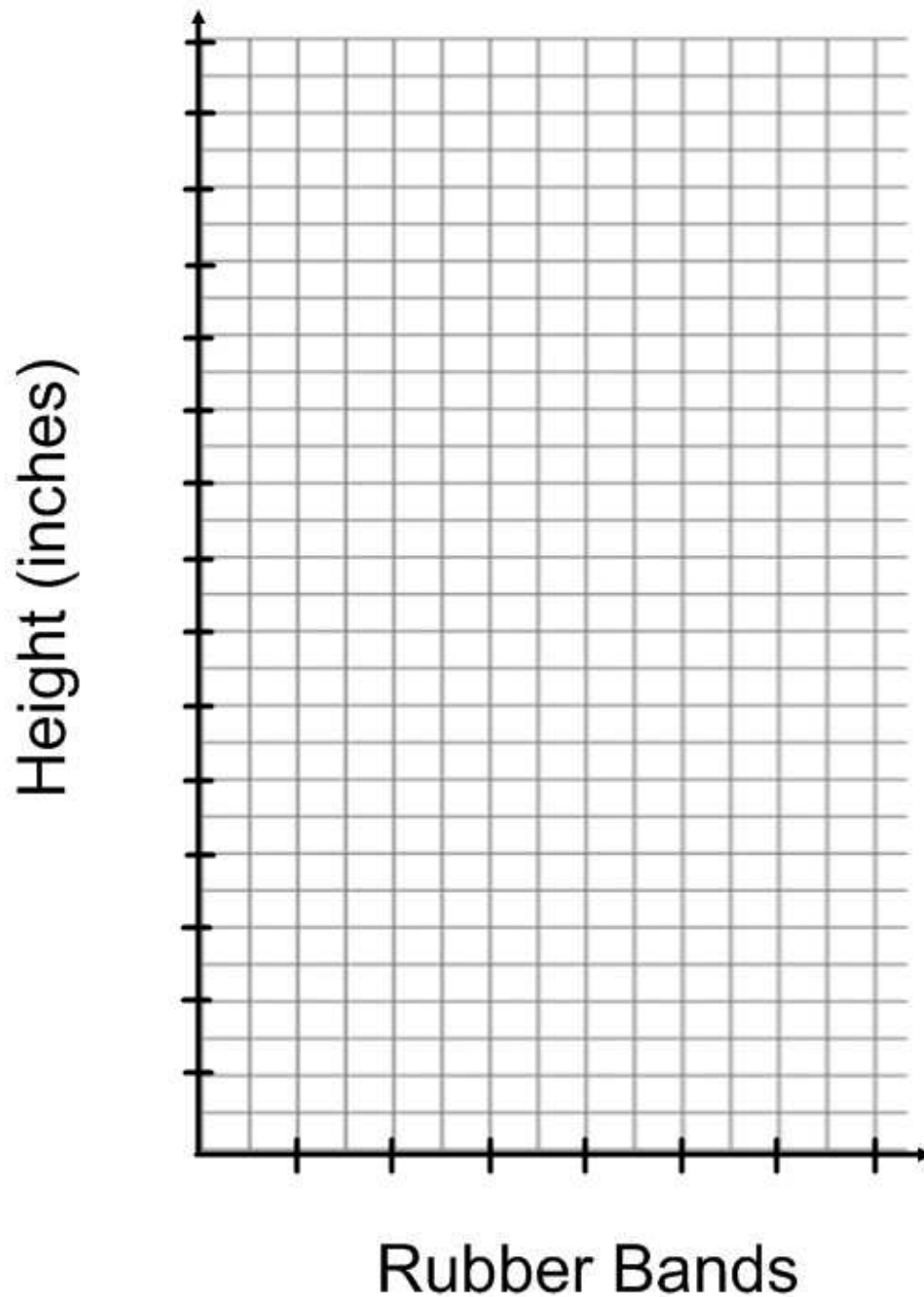
Your Name _____

Doll Name _____

Period _____

Station	<i>r.b.</i>	<i>h</i>
Short		
Tall		
Really Tall		

1



2

3

1. With each additional rubber band, how much does the jump increase?__
2. What if you had 0 rubber bands? _____ (HINT: it's not 0 inches)
3. Number 1 and 2 give the slope and y-intercept. If you can, write an equation below using

h = height and r = rubber bands

$$h = \text{_____} r + \text{_____}$$

4. How far could your doll jump with 4 rubber bands? _____
5. What if you had 20 rubber bands? _____

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6. On Thursday, your doll will jump 412 cm.
 7. How many bands do you think you'll need? _____
 8. What kind of math did you do to find out that big jump?

4
