

Name: \_\_\_\_\_

Date: \_\_\_\_\_



# TWO TRUTHS & ONE LIE!

Use your math skills to determine which of the three statements below is a dirty lie! Explain how you made your decision.



Number of days ( $x$ )	1	3	11	20
Number of miles hiked ( $y$ )	7	21	77	140

**(1) The total number of miles hiked is a function of the number of days that pass.**

**(2) The following linear equation describes the total number of miles hiked,  $y$ , in terms of days,  $x$ , that have passed:**

$$y = 7x$$

**(3) Based on the table, it will take the hiker approximately 36 days to reach 200 miles.**

My Answer: \_\_\_\_\_

Key: 3