Unit 2 Quiz

2.5 Using Linear Models Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Block: \_\_\_\_\_\_\_\_\_\_\_\_\_

**1.)** Describe the correlation of the values at right.Give reasoning for your answer

**2.)** The following is a list of ages of children compared to their height in inches. Draw a scatter plot and write the equation of best fit.

**Age: 2 3 5 5 7 1 8**

**Height: 34 36 41 42 46 30 48**

**3.) Explain why the above graph is “limited” in it’s linear description.**