Student Name a Date a

Line Graphs

***Reading Graphs***

A pediatrician wants to track the weight of one of her patients from age 2 to age 10. Every year during the patient’s annual check-up, his weight is measured and recorded. After the final measurement the doctor asks her nurse to graph the data in a line graph. Here is the graph:

 *Now answer the following questions (don’t be afraid to ask your coach for help):*

1. What is the overall trend of the graph?
2. Between what two ages was there a plateau in the line graph?
3. How much did the patient weigh when he was 5 years old?
4. At what age did the patient weigh exactly 65 pounds?

***Making Graphs***

The pediatrician decides to record the same data for the patient’s younger sister. Every year during the annual check-up, her weight is measured and recorded. After the final measurement, the nurse has the following data:

|  |  |
| --- | --- |
| **Age (years))** | **Weight (lb)** |
| 2 | 24 |
| 3 | 30 |
| 4 | 32 |
| 5 | 40 |
| 6 | 44 |
| 7 | 50 |
| 8 | 58 |
| 9 | 62 |

*Help the nurse graph this data on the grid below:*