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

Tier One

Draw a line to match the graph with the corresponding table. Answer the questions for the table-graph pair on the lines below the table.



|  |  |
| --- | --- |
| X | Y |
| 3 | 0 |
| 4 | -1 |
| 5 | -2 |

|  |  |
| --- | --- |
| X | Y |
| 0 | 4 |
| 1 | 5 |
| 2 | 6 |

|  |  |
| --- | --- |
| X | Y |
| -4 | 0 |
| -1 | 2 |
| 2 | 4 |

|  |  |
| --- | --- |
| X | Y |
| 0 | 0 |
| 1 | 1 |
| 2 | 2 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. What is the rate of change? |  |  |  |  |
| 2. What is the relationship? |  |  |  |  |
| 3. Write one or two sentences describing a real life relationship that could be represented by the table. | Is running in a race with her older brother. She runs one mile per hour, but her brother gives her a head start by letting her start at the four mile marker. |  |  |  |