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

|  |  |
| --- | --- |
| 1. | ***Circle One***: Linear Exponential Neither  ***Circle One***: Discrete Continuous |
| 2. | ***Circle One***: Linear Exponential Neither  ***Circle One***: Discrete Continuous |
| 3.   |  |  | | --- | --- | | x | y | | 0 | 5 | | 2 | 11 | | 4 | 17 | | 6 | 23 | | ***Circle One***: Linear Exponential Neither  ***Circle One***: Discrete Continuous  Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4. You invest $4,000 in a company and earn a 5% profit at the end of each year. | ***Circle One***: Linear Exponential Neither  ***Circle One***: Discrete Continuous  Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 5. Joe has a jar of 300 Reece’s pieces. Every hour he reaches in the jar and gets ten pieces and eats them quickly. | ***Circle One***: Linear Exponential Neither  ***Circle One***: Discrete Continuous  Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 6.   |  |  | | --- | --- | | x | y | | 0 | 4 | | 1 | 12 | | 2 | 36 | | 3 | 108 | | ***Circle One***: Linear Exponential Neither  ***Circle One***: Discrete Continuous  Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 7.   |  |  | | --- | --- | | Cashiers | Items scanned | | 1 | 20 | | 2 | 40 | | 3 | 60 | | 4 | 80 | | ***Circle One***: Linear Exponential Neither  ***Circle One***: Discrete Continuous  Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 8. | ***Circle One***: Linear Exponential Neither  ***Circle One***: Discrete Continuous  Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  (hint: make a table from the points on the graph) |
| 9. | ***Circle One***: Linear Exponential Neither  ***Circle One***: Discrete Continuous  Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  (hint: make a table from the points on the graph) |
| 10.   |  |  | | --- | --- | | Year | Profit | | 0 | 100 | | 1 | 200 | | 2 | 400 | | 3 | 800 | | ***Circle One***: Linear Exponential Neither  ***Circle One***: Discrete Continuous  Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |