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

Translate each statement into a mathematical equation. Then complete each function table.

1. *y* is equal to the product of 2 and *x* minus 4

Mathematical Translation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| *x* | *y* |
| 4 |  |
| 6 |  |
| 10 |  |
| 20 |  |

1. *y* is equal to three more than the product of 4 and *x*.

Mathematical Translation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| *x* | *y* |
| 10 |  |
| 20 |  |
| 30 |  |
| 40 |  |

1. *y* is equal to the product of six and *x*.

Mathematical Translation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| *x* | *y* |
| 3 |  |
| 6 |  |
| 9 |  |
| 10 |  |

1. *y* is equal to two less than *x*.

Mathematical Translation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| *x* | *y* |
| 2 |  |
| 5 |  |
| 10 |  |
| 20 |  |

1. *y* is equal to the quotient of *x* and 2. (Decimal or fraction answers are acceptable)

Mathematical Translation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| *x* | *y* |
| 4 |  |
| 5 |  |
| 6 |  |
| 7 |  |

1. Multiple Choice: Determine the equation that matches this function table

a.) 

b.) 

c.) 

d.) 

|  |  |
| --- | --- |
| *x* | *y* |
| 2 | 8 |
| 5 | 11 |
| 6 | 12 |
| 10 | 16 |