**Checkpoint Quiz (KEY)**

**Write the function rule for each of the following tables or arithmetic sequences.**

1. 5, 11, 17, 23, …

*y = 6x – 1*

|  |  |
| --- | --- |
| ***x*** | ***y*** |
| −4 | 23 |
| −1 | 8 |
| 1 | −2 |
| 5 | −22 |

*y = −5x + 3*

1. 1, −2, −5, −8, …

*y = −3x + 4*

|  |  |
| --- | --- |
| ***x*** | ***y*** |
| −6 | 91 |
| −2 | 35 |
| 0 | 7 |
| 3 | −35 |

*y = −14x + 7*

1. 1, 9, 17, 25, …

*y = 8x – 7*