**Test # 8 Review 2 (Extra Practice 6) Answer Key**

**Extra Practice 6 Answers**

**1. a)**

|  |  |
| --- | --- |
| *x* | *y* |
| 1 | 6 |
| 2 | 7 |
| 3 | 8 |
| 4 | 9 |
| 5 | 10 |

 **b)**

|  |  |
| --- | --- |
| *x* | *y* |
| 1 | 0 |
| 2 | 1 |
| 3 | 2 |
| 4 | 3 |
| 5 | 4 |

**c)**

|  |  |
| --- | --- |
| *x* | *y* |
| 1 | –2 |
| 2 | –4 |
| 3 | –6 |
| 4 | –8 |
| 5 | –10 |

**2. a)**

|  |  |
| --- | --- |
| *x* | *y* |
| –3 | –11 |
| –2 | –9 |
| –1 | –7 |
| 0 | –5 |
| 1 | –3 |
| 2 | –1 |
| 3 | 1 |

 **b)**

|  |  |
| --- | --- |
| *x* | *y* |
| –3 | 10 |
| –2 | 7 |
| –1 | 4 |
| 0 | 1 |
| 1 | –2 |
| 2 | –5 |
| 3 | –8 |

 **c)**

|  |  |
| --- | --- |
| *x* | *y* |
| –3 | 1 |
| –2 | –1 |
| –1 | –3 |
| 0 | –5 |
| 1 | –7 |
| 2 | –9 |
| 3 | –11 |

**3.** Graphs

**4.** (1, 5), (3, –1), (4, –4)

**5. a)**

|  |  |
| --- | --- |
| *r* | *C* |
| 1 | 13 |
| 2 | 16 |
| 3 | 19 |
| 4 | 22 |
| 5 | 25 |
| 6 | 28 |

 **b)** $49

  **c)** Stephanie went on 7 rides.

**6.** (–1, –7), (1, –3), (2, –1), (3, 1)

 I looked at the number patterns: –3, –2, –1, 0, 1, 2, 3 and –11, –9, –7, –5, –3, –1, 1