**Sea Turtle Systems of Equations (Pt 2) Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Geometry Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_**

Directions: On a separate sheet you will find a list of instructions for graphing a particular picture.

1. Plot the points, connecting with lines as instructed. If you plot and connect the points correctly they should form a recognizable picture.
2. Solve the systems of the equations below. Write your final answer as an ordered pair (x, y). To check your work, verify that your solution is a point on the image you plotted in Step #1.

|  |  |  |
| --- | --- | --- |
| **#** | **Show Your Work!** | **Solution** |
| **1** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **2** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **3** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **B1** |

|  |  |  |
| --- | --- | --- |
| **#** | **Show Your Work!** | **Solution** |
| **4** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **5** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **6** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **B1** |

**Sea Turtle Systems of Equations Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Geometry Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_**

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| **#** | **Show Your Work!** | **Solution** |
| **1** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **2** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **3** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **B2** |

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| --- | --- | --- |
| **#** | **Show Your Work!** | **Solution** |
| **4** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **5** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **6** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **B2** |

**Sea Turtle Systems of Equations Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Geometry Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_**

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| --- | --- | --- |
| **#** | **Show Your Work!** | **Solution** |
| **1** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **2** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **3** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **B3** |

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| **#** | **Show Your Work!** | **Solution** |
| **4** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **5** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **6** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **B3** |

**Sea Turtle Systems of Equations Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Geometry Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_**

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| **#** | **Show Your Work!** | **Solution** |
| **1** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **2** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **3** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **B4** |

|  |  |  |
| --- | --- | --- |
| **#** | **Show Your Work!** | **Solution** |
| **4** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **5** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **6** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **B4** |

**Sea Turtle Systems of Equations Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Geometry Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_**

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| **#** | **Show Your Work!** | **Solution** |
| **1** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **2** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **3** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **C1** |

|  |  |  |
| --- | --- | --- |
| **#** | **Show Your Work!** | **Solution** |
| **4** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **5** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **6** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **C1** |

**Sea Turtle Systems of Equations Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Geometry Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_**

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| **#** | **Show Your Work!** | **Solution** |
| **1** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **2** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **3** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **C2** |

|  |  |  |
| --- | --- | --- |
| **#** | **Show Your Work!** | **Solution** |
| **4** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **5** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **6** |  | (\_\_\_\_\_, \_\_\_\_\_) |
| **C2** |

**Answer Key (All Versions):**

1. (3, –6)
2. (–4, –16)
3. (–5, –11)
4. (–2, 14)
5. (–7, 6)
6. (–4, –10)