**Sea Turtle Equations Coordinates**

**PHASE #1: Graph each of the points below. Connect the points in order as you plot them.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **START** | **START** | **START** | **START** | **START** | **START** | **START** |
| (0, 16)(−2, 14)(−3, 11)(−3, 10)(3, 10)(3, 11)(2, 14)(0, 16) | (−3, 10)(−4, 9)(−7, 6)(−8, 4)(−8, −3)(−4, −10)(−2, −12)(−1, −13)(0, −14)(1, −13)(2, −12)(4, −10)(8, −3)(8, 4)(7, 6)(4, 9)(3, 10) | (−2, 9)(−4, 8)(−1, 6)(1, 6)(4, 8)(2, 9)(−2, 9) | (−4, 8)(−7, 4)(−7, −3)(−5, −7)(−2, −11)(0, −12)(2, −11)(5, −7)(7, −3)(7, 4)(4, 8) | (−1, 6)(−4, 4)(−1, 1)(1, 1)(4, 4)(1, 6) | (−1, 1)(−4, −2)(−2, −4)(2, −4)(4, −2)(1, 1) | (−2, −4)(−3, −6)(−1, −9)(1, −9)(3, −6)(2, −4) |
| **STOP!** | **STOP!** | **STOP!** | **STOP!** | **STOP!** | **STOP!** | **STOP!** |

**PHASE #2: Graph each of the points below. Connect the points in order as you plot them. Then, complete each design on the opposite side of the figure.**

|  |  |
| --- | --- |
| **START** | **START** |
| (−4, 9)(−5, 11)(−8, 11)(−11, 5)(−12, 1)(−8, 5)(−8, 4) | (−4, −10)(−5, −11)(−6, −14)(−4, −16)(−2, −12) |
| **STOP! NOW COMPLETE THIS DESIGN ON THE OPPOSITE SIDE OF THE FIGURE** | **STOP! NOW COMPLETE THIS DESIGN ON THE OPPOSITE SIDE OF THE FIGURE** |

**PHASE #3: Connect each pair of points below. Then, complete each design on the opposite side of the figure.**

|  |
| --- |
| (−7, 4) to (−4, 4)(−7, −3) to (−4, −2)(−5, −7) to (−3, −6)(−2, −11) to (−1, −9) |
| **STOP! NOW COMPLETE THIS DESIGN ON THE OPPOSITE SIDE OF THE FIGURE** |

**PHASE #4: Use color, design, and creativity to make your Sea Turtle unique.**