**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.**