1. *y* ≤ *x*2 + 3*x* + 4 axis of symmetry: \_\_ 2. *y* > *x*2 + 4*x* + 4 axis of symmetry: \_\_\_\_

|  |  |
| --- | --- |
| *x* | *y* |
|  |  |
|   |  |
|  |  |
|  |  |
|  |  |

|  |  |
| --- | --- |
| *x* | *y* |
|  |  |
|   |  |
|  |  |
|  |  |
|  |  |

3. *y* ≥ *x*2 – 7*x* + 10 axis of symmetry: \_\_\_\_ 4. *y* < *x*2 – 9 axis of symmetry: \_\_\_\_

|  |  |
| --- | --- |
| *x* | *y* |
|  |  |
|   |  |
|  |  |
|  |  |
|  |  |

|  |  |
| --- | --- |
| *x* | *y* |
|  |  |
|   |  |
|  |  |
|  |  |
|  |  |

5. *y* ≤ axis of symmetry: \_\_\_ 6. *y* >  axis of symmetry: \_\_\_\_

|  |  |
| --- | --- |
| *x* | *y* |
|  |  |
|   |  |
|  |  |
|  |  |
|  |  |

|  |  |
| --- | --- |
| *x* | *y* |
|  |  |
|   |  |
|  |  |
|  |  |
|  |  |

7. y ≥  axis of symmetry: \_\_\_ 8. y <  axis of symmetry: \_\_\_

|  |  |
| --- | --- |
| *x* | *y* |
|  |  |
|   |  |
|  |  |
|  |  |
|  |  |

|  |  |
| --- | --- |
| *x* | *y* |
|  |  |
|   |  |
|  |  |
|  |  |
|  |  |