|  |  |
| --- | --- |
| 1.) y = 3x2 – 24x – 7 a = \_\_\_\_\_ b = \_\_\_\_\_ c = \_\_\_\_\_Vertex: \_\_\_\_\_\_\_\_\_\_Axis of Symmetry: \_\_\_\_\_\_\_\_\_\_ | 2.) y = 2x2 – 16x + 1 a = \_\_\_\_\_ b = \_\_\_\_\_ c = \_\_\_\_\_Vertex: \_\_\_\_\_\_\_\_\_\_Axis of Symmetry: \_\_\_\_\_\_\_\_\_\_ |
| 3.) y = -4x2 + 8x – 1 a = \_\_\_\_\_ b = \_\_\_\_\_ c = \_\_\_\_\_Vertex: \_\_\_\_\_\_\_\_\_\_Axis of Symmetry: \_\_\_\_\_\_\_\_\_\_ | 4.) y = 3x2 – 24x – 15 a = \_\_\_\_\_ b = \_\_\_\_\_ c = \_\_\_\_\_Vertex: \_\_\_\_\_\_\_\_\_\_Axis of Symmetry: \_\_\_\_\_\_\_\_\_\_ |
| 5.) y = -x2 + 5x + 1 a = \_\_\_\_\_ b = \_\_\_\_\_ c = \_\_\_\_\_Vertex: \_\_\_\_\_\_\_\_\_\_Axis of Symmetry: \_\_\_\_\_\_\_\_\_\_ | 6.) y = 6x2 + 12x + 6 a = \_\_\_\_\_ b = \_\_\_\_\_ c = \_\_\_\_\_Vertex: \_\_\_\_\_\_\_\_\_\_Axis of Symmetry: \_\_\_\_\_\_\_\_\_\_ |

Practice 2 - Find the vertex of each quadratic equation.