|  |  |
| --- | --- |
| **\_\_\_\_\_\_** **5.** Convert y = x2 + 4x – 7 to vertex form, then identify the vertex and the graph. | **6.** What is the vertex and axis of symmetry of the quadratic y = 2(x – 4)2 + 1?**A** (-4, 1); x = 1 **B** (4, 1); x = 4  **C** (2, 1); x = 2 **D** (1, 4); x = 1 |
| **7.** Convert the following equation into vertex form: y = x2 + 6x – 2  | **8.** Convert the following equation into standard form:  |



