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| **\_\_\_\_\_\_** **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: |



