Changing from Standard Form to Vertex Form by Completing the Square

Change each from standard form to vertex form by completing the square. Please circle or put a box around your answers.

1) $y = x^2 + 10x - 4$

2) $y = x^2 - 14x - 42$

3) $y = x^2 - 5x + 2$

4) $y = 3x^2 + 18x - 68$

5) $y = -x^2 - 2x + 7$

6) $y = \frac{1}{2}x^2 + 3x - 5$