Graphing Quadratic Functions

A) Write each quadratic function in vertex form.

1) $f(x) = -3x^2 + 24x - 41$

2) $f(x) = 2x^2 + 9x + 10$

3) $f($

B)

1) $f($

vertex: _____

vertex: _____

3) $f(x) = 7x^2 + 28x - 25$

4) $f(x) = (5x - 3)(5x - 1)$

vertex: _____

vertex: _____