Graphing Quadratic Functions

A) Write each quadratic function in vertex form.

1)
$$f(x) = -2x^2 + 4x + 1$$

2)
$$f(x) = (x - 11)(x - 1)$$

3) 1

B) I

1) *f*(.

Preview

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vertex:

vertex:

3)
$$f(x) = x^2 - 8x + 16$$

4)
$$f(x) = 10x^2 + 10x + 23$$

vertex:

vertex: