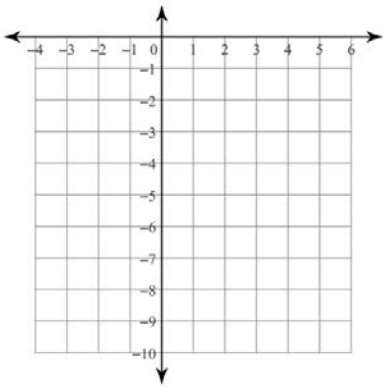
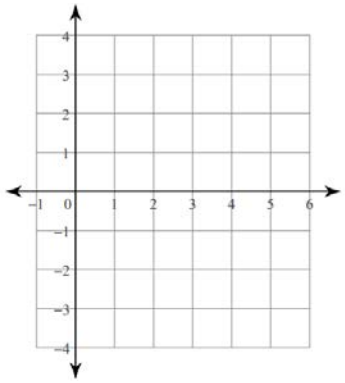
HW #12 – WS GRAPHING FORM (Don't forget to do the textbook problems! (CH 2: 50, 51)

Directions: Identify the vertex and axis of symmetry of each. Then sketch the graph.

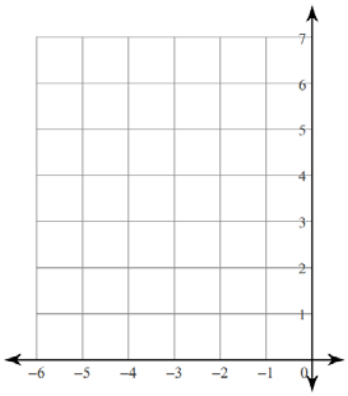
1) $f(x) = -2(x-1)^2 - 1$



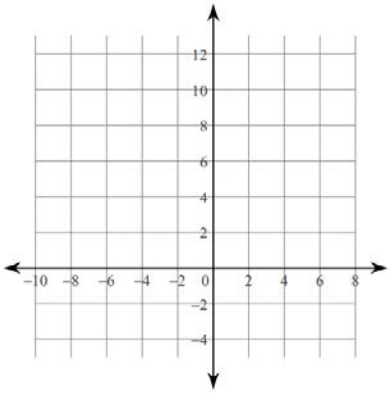
2) $f(x) = -\frac{1}{2}(x-4)^2 + 1$



3) $f(x) = (x+2)^2 + 2$



4) $f(x) = 4(x+6)^2 - 4$



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