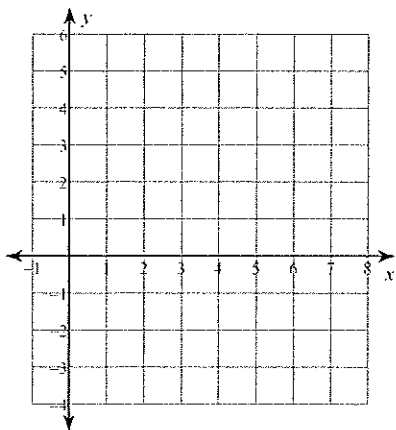


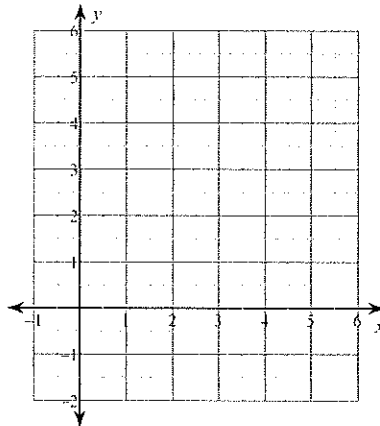
Graphing Quadratics using Vertex Form

Sketch the graph of each function.

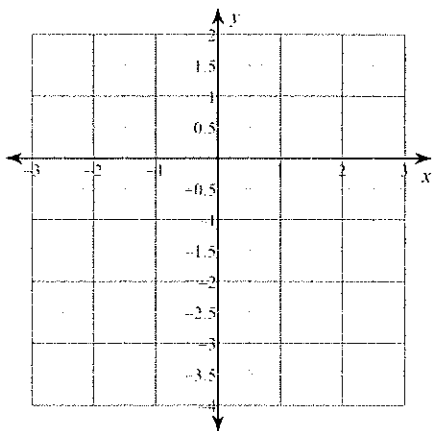
1) $y = 2(x - 4)^2 - 3$



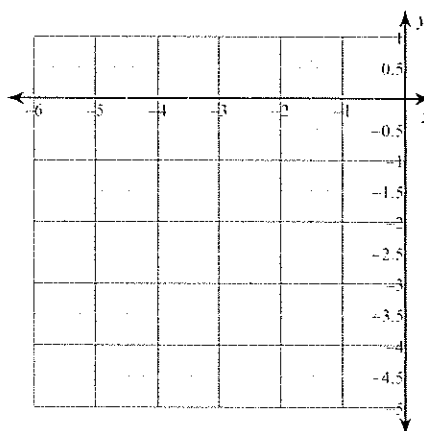
2) $y = -\frac{1}{2}(x - 4)^2 + 3$



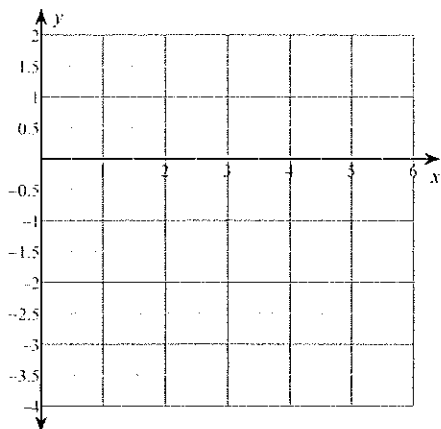
3) $y = (x - 1)^2 - 3$



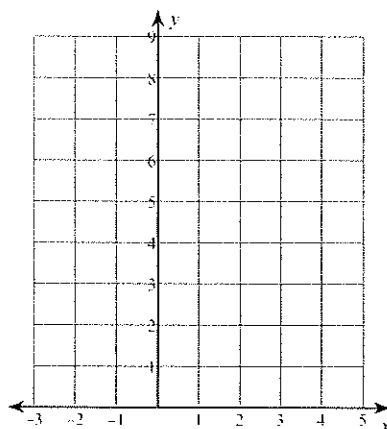
4) $y = (x + 2)^2 - 4$



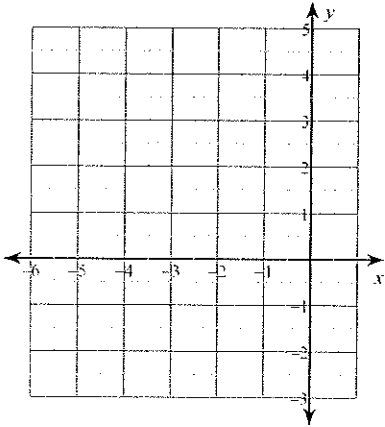
5) $y = -(x - 2)^2 + 1$



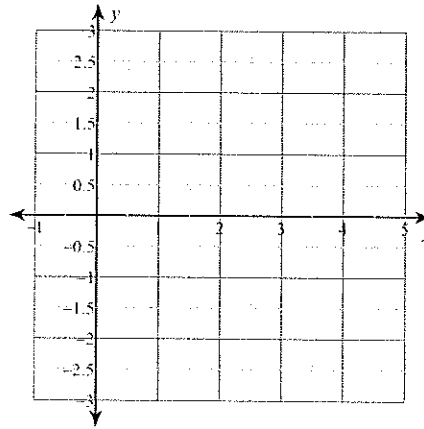
6) $y = (x - 3)^2 + 4$



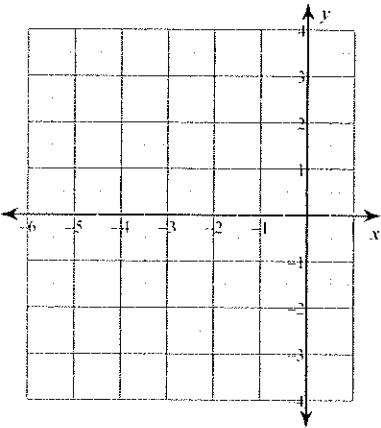
$$7) y = (x + 4)^2 - 1$$



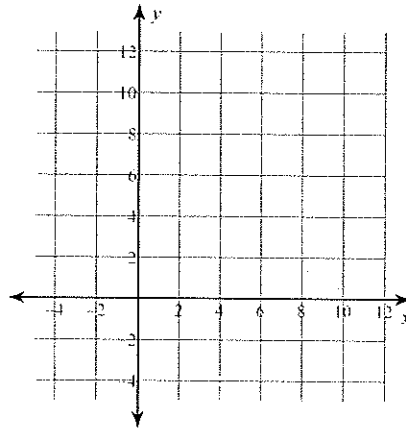
$$8) y = \frac{1}{2}(x - 2)^2 - 1$$



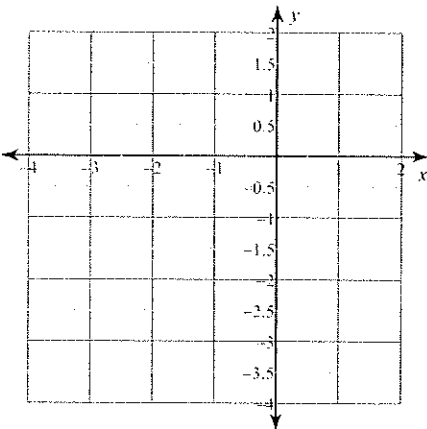
$$9) y = (x + 4)^2 - 2$$



$$10) y = 4(x - 4)^2 - 4$$



$$11) y = (x + 1)^2 - 3$$



$$12) y = 2(x - 3)^2 + 1$$

