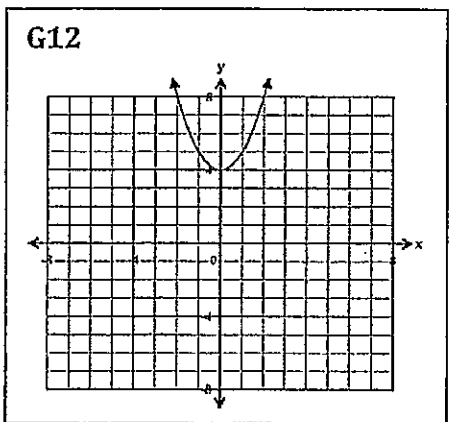
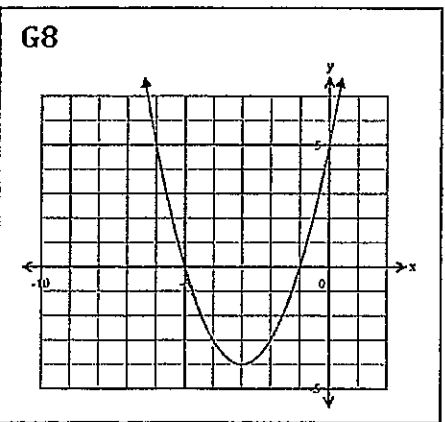
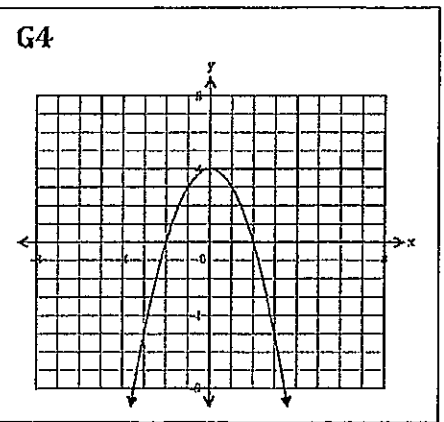
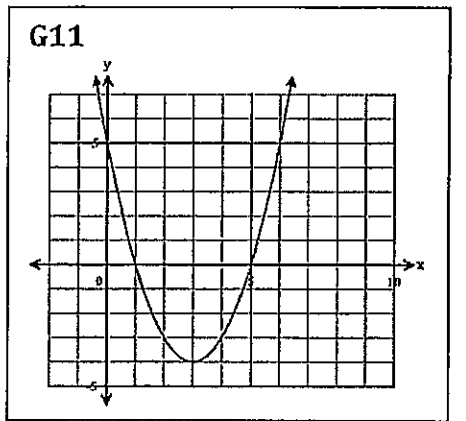
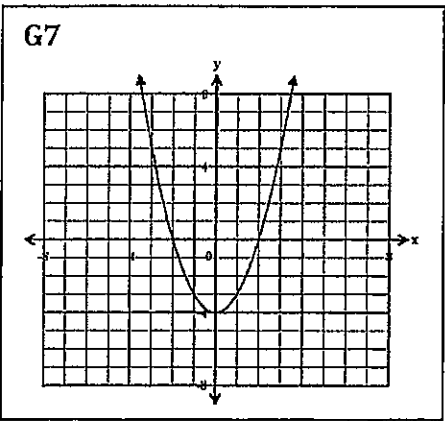
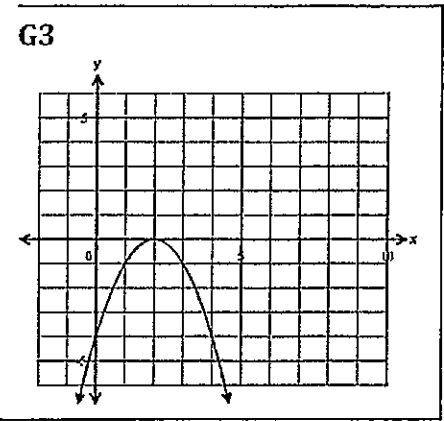
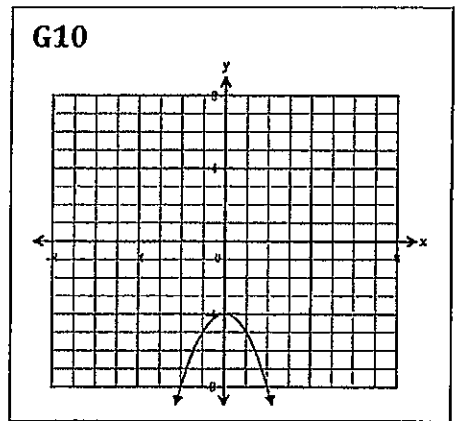
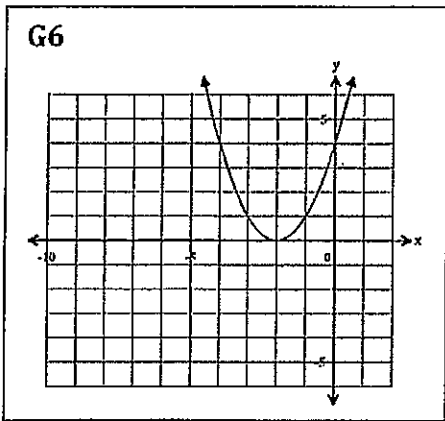
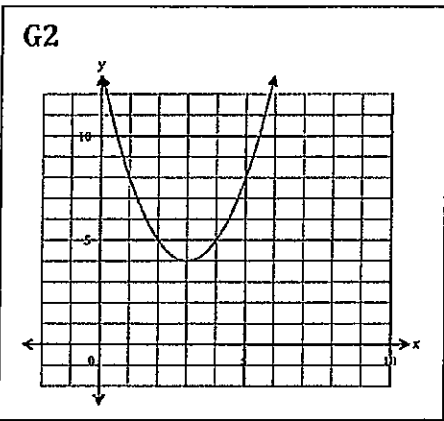
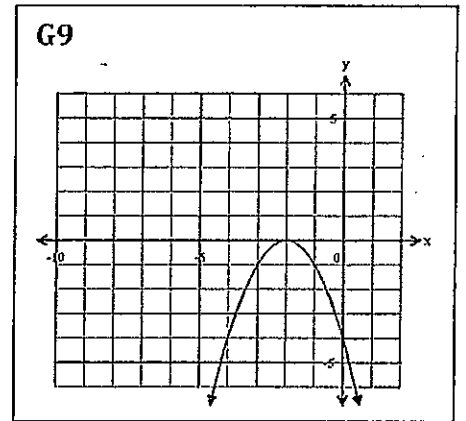
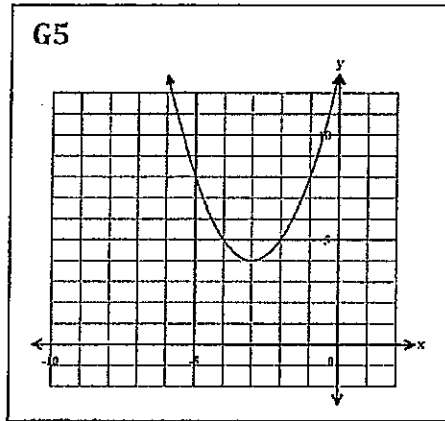
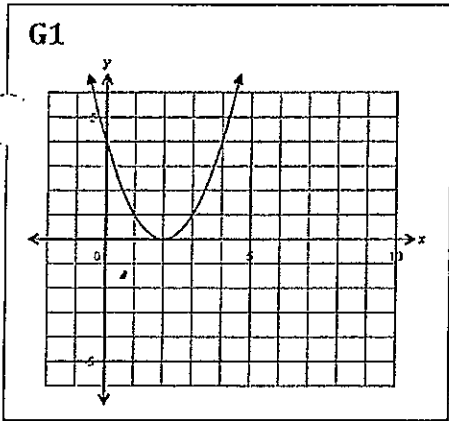


Quadratic Match Up

Cut out Equations. Match Each Graph to it's correct equation, then write the vertex.

Graph	Equation	Vertex
G1		(,)
G2		(,)
G3		(,)
G4		(,)
G5		(,)
G6		(,)
G7		(,)
G8		(,)
G9		(,)
G10		(,)
G11		(,)
G12		(,)



F1

$$f(x) = (x - 3)^2 + 4$$

F5

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

F9

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

F2

$$f(x) = (x + 3)^2 + 4$$

F6

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

F10

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

F3

$$f(x) = (x + 3)^2 - 4$$

F7

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

F11

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

F4

$$f(x) = (x - 3)^2 - 4$$

F8

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

F12

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