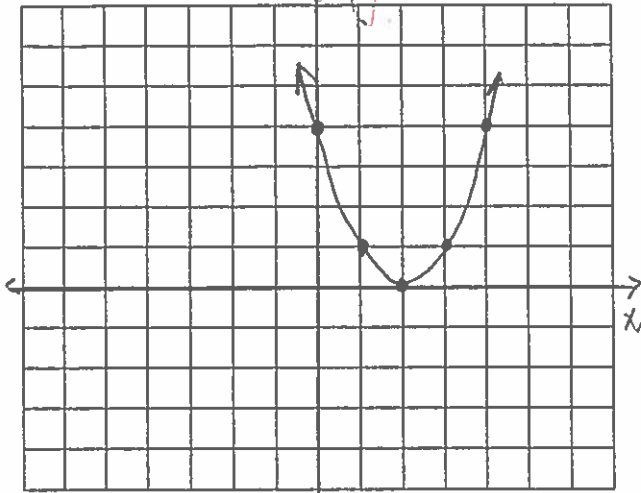


# Answers :

## DETERMINING THE EQUATION OF A QUADRATIC FUNCTION FROM A GRAPH

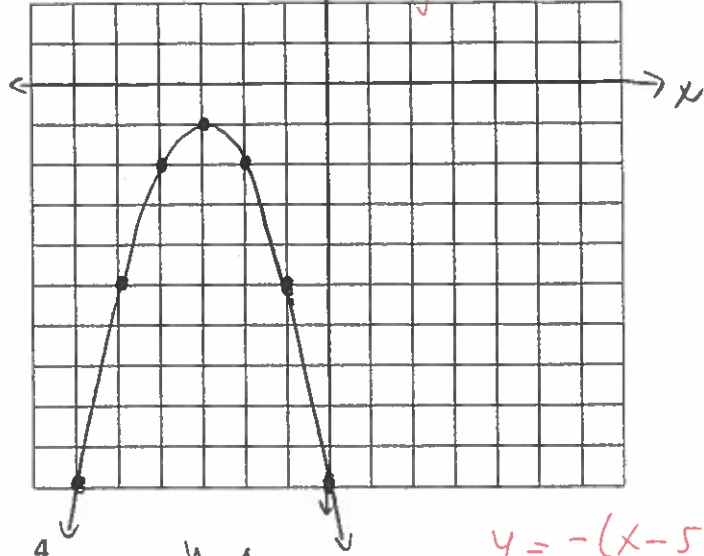
1.

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



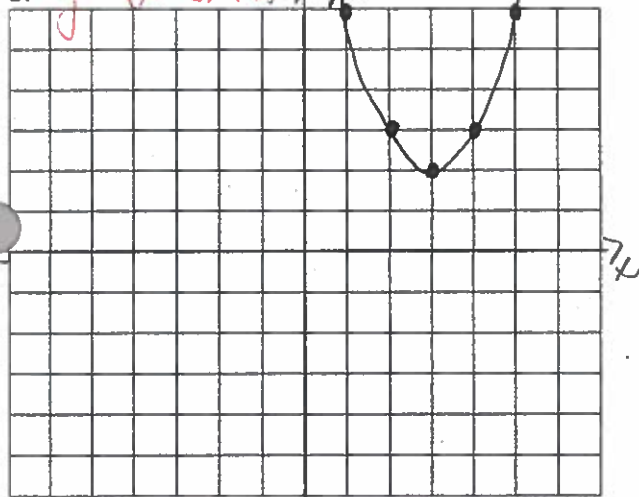
2.

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



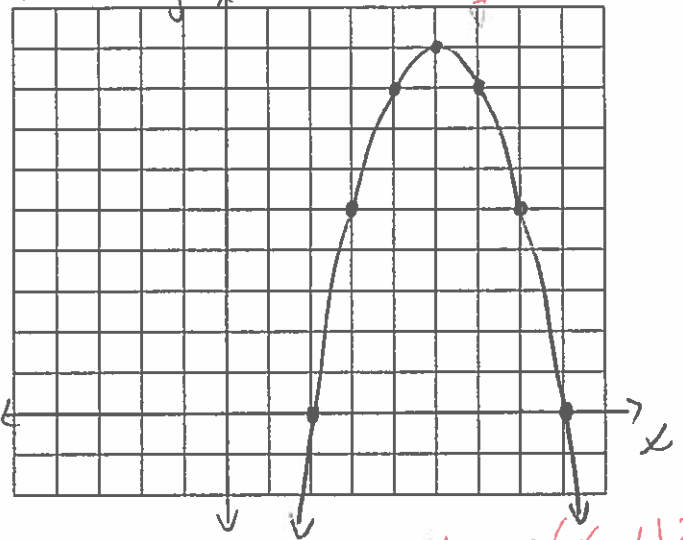
3.

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



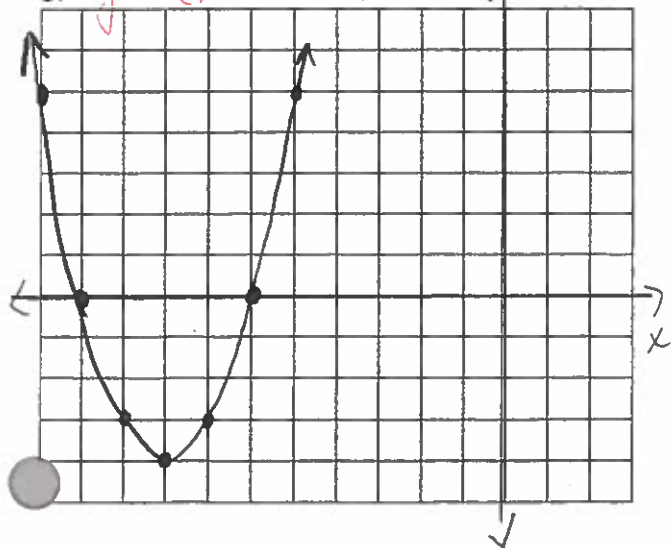
4.

$$y = -(x-5)^2 + 9$$



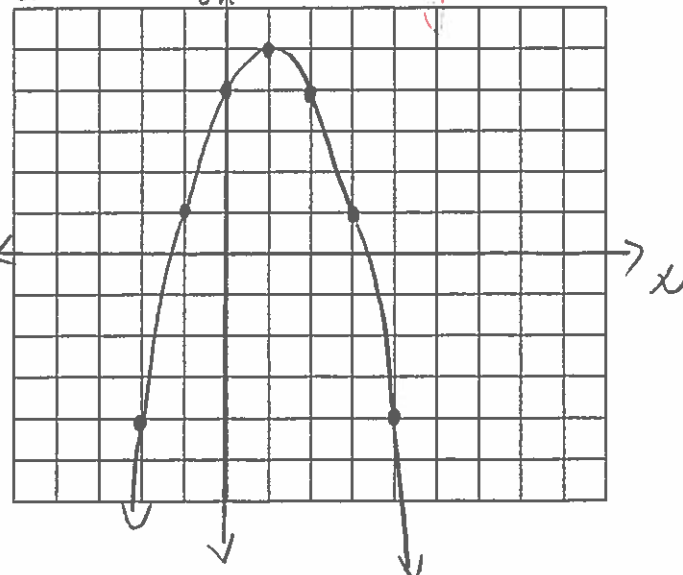
5.

$$y = (x+8)^2 - 4$$



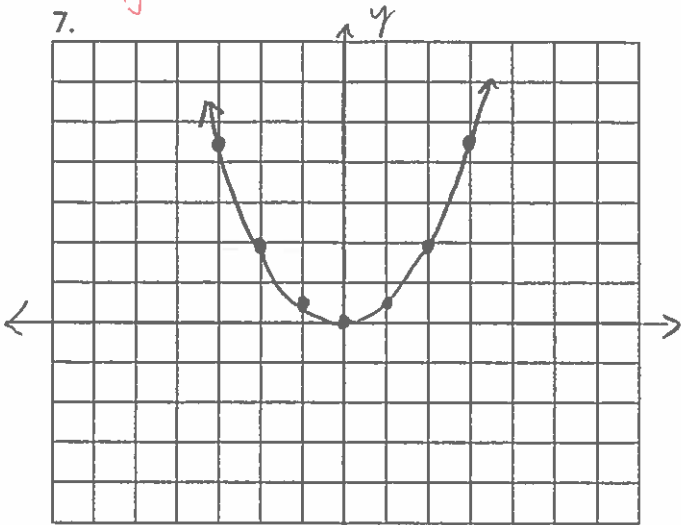
6.

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

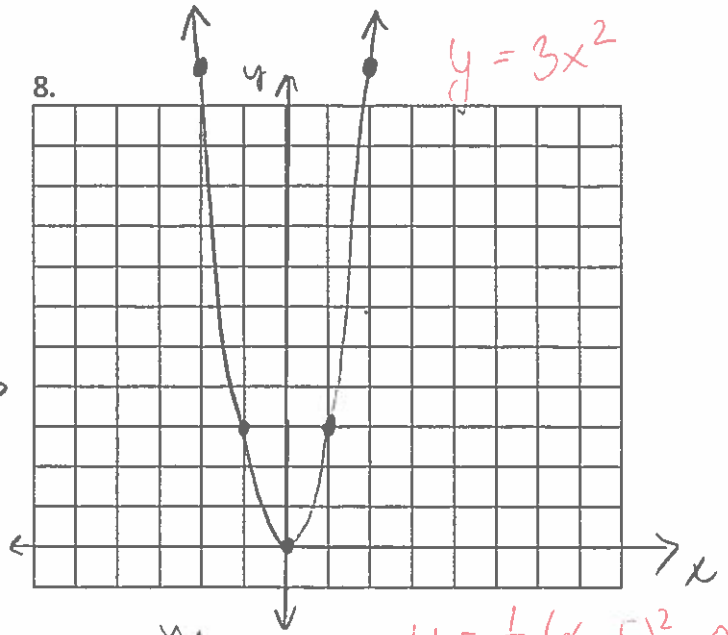


$$y = 0.5x^2 = \frac{1}{2}x^2$$

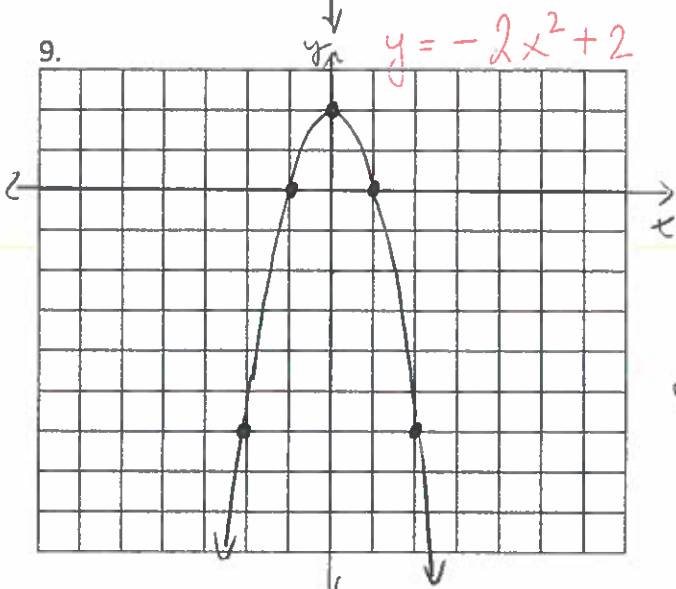
7.



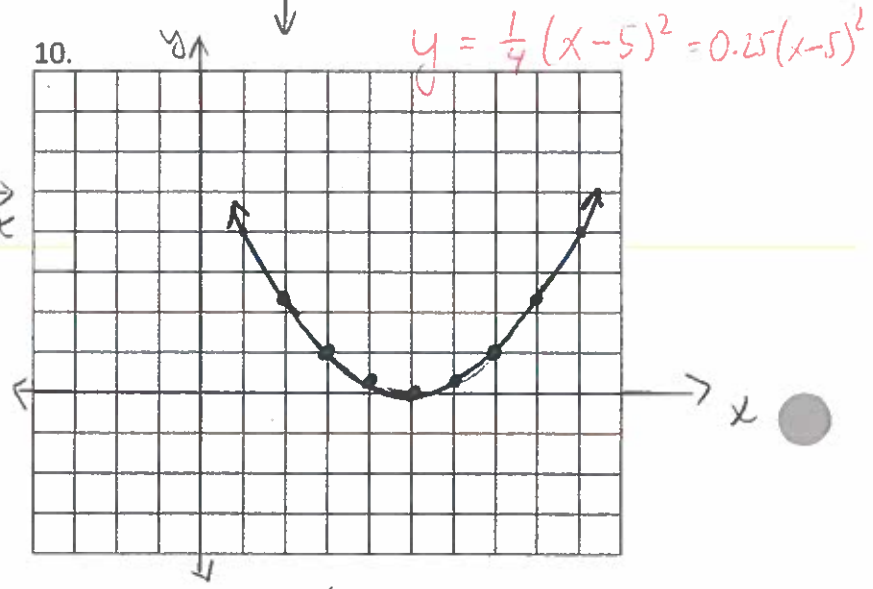
8.



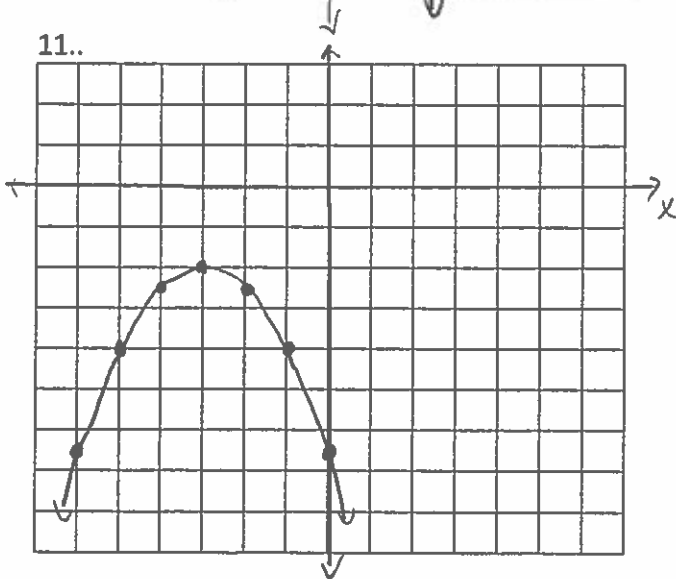
9.



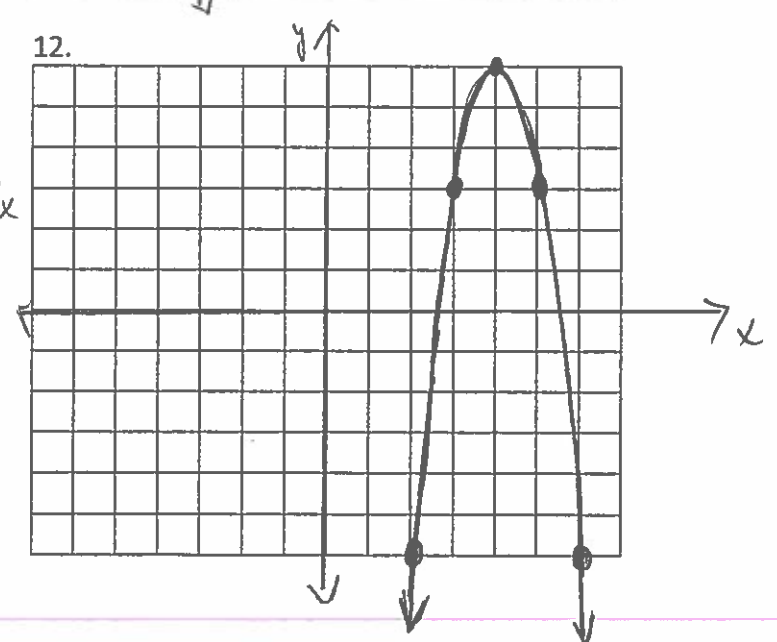
10.



11..



12.



$$y = -0.5(x+3)^2 - 2$$

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