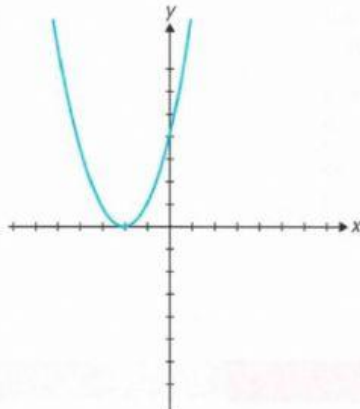


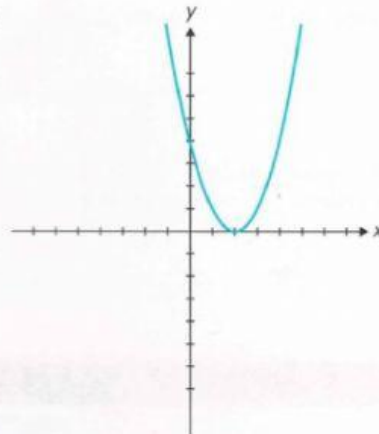
II. Las gráficas mostradas enseguida son transformaciones de la gráfica de la función definida por $y = x^2$. Determina la ecuación para cada gráfica. Elige la opción correcta.

8.



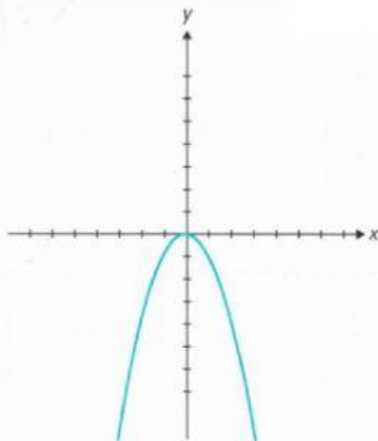
- a. $y = x^2 - 2$
- b. $y = x^2 + 2$
- c. $y = (x + 2)^2$
- d. $y = (x - 2)^2$

10.



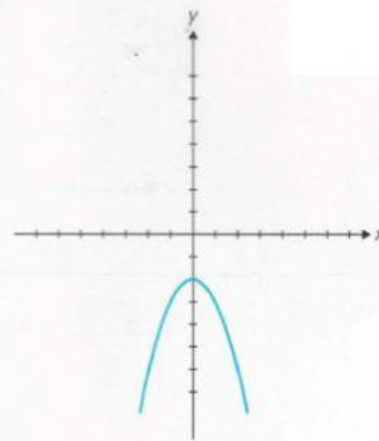
- a. $y = (x - 2)^2$
- b. $y = x^2 + 2$
- c. $y = (x + 2)^2$
- d. $y = x^2 - 2$

9.



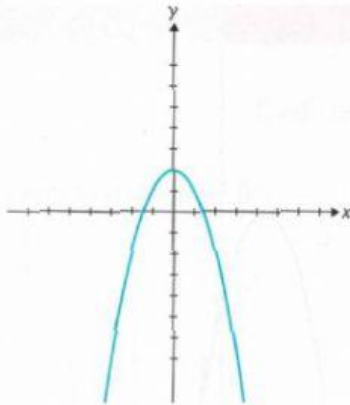
- a. $y = -x^2$
- b. $y = (x - 1)^2$
- c. $y = x^2 + 1$
- d. $y = x^2 - 1$

11.



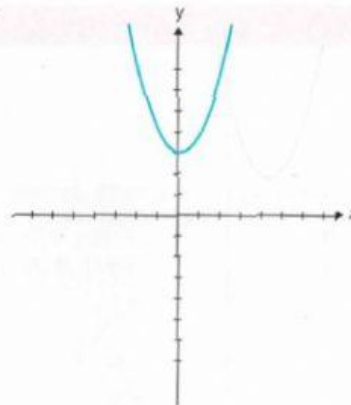
- a. $y = x^2 - 2$
- b. $y = -x^2 - 2$
- c. $y = -(x + 2)^2$
- d. $y = -(x - 2)^2$

12.



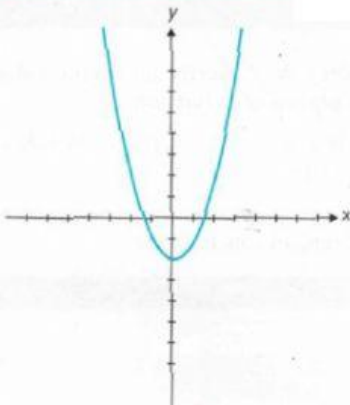
- a. $y = x^2 + 2$
- b. $y = -x^2 + 2$
- c. $y = -x^2 - 2$
- d. $y = -(x + 2)^2$
- e. $y = -(x - 2)^2$

14.



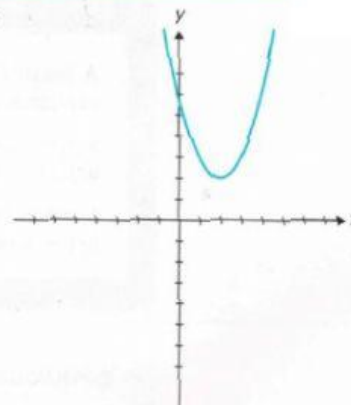
- a. $y = (x + 3)^2$
- b. $y = -x^2 + 3$
- c. $y = -(x^2 + 3)$
- d. $y = (x - 3)^2$
- e. $y = x^2 + 3$

13.



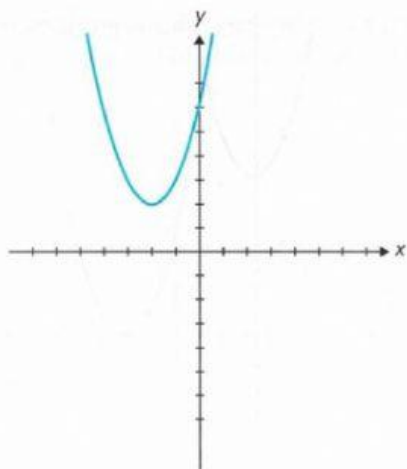
- a. $y = (x - 2)^2$
- b. $y = x^2 + 2$
- c. $y = -x^2 - 2$
- d. $y = x^2 - 2$
- e. $y = (x + 2)^2$

15.



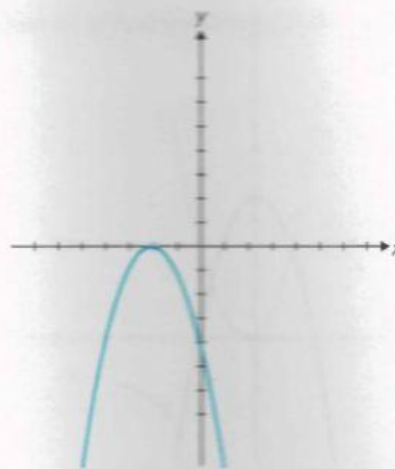
- a. $y = (x + 2)^2 + 2$
- b. $y = (x - 2)^2 + 2$
- c. $y = (x - 2)^2$
- d. $y = (x + 2)^2$

16.



- a. $y = (x - 2)^2 + 2$
- b. $y = (x + 2)^2 + 2$
- c. $y = -(x + 2)^2 + 2$
- d. $y = (x - 2)^2 + 2$

17.



- a. $y = -x^2$
- b. $y = -x^2 - 2$
- c. $y = -(x - 2)^2$
- d. $y = -x^2 - 2$
- e. $y = -(x + 2)^2$