

Parábola con desplazamientos verticales y horizontales

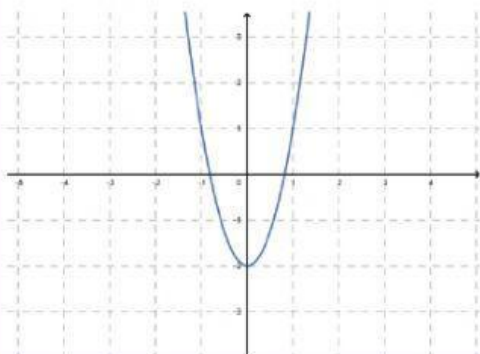


Indicación: resuelve las siguientes parábolas dando un clic en la opción de la gráfica que consideres es la correcta según la ecuación dada. Puedes apoyarte del siguiente video.

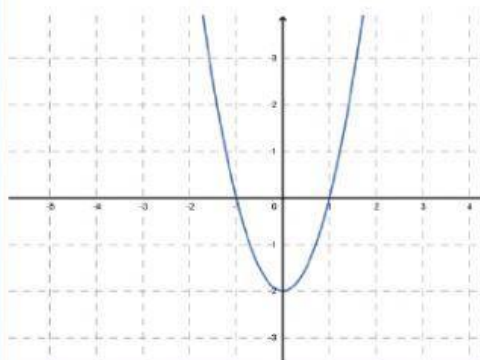


1. $f(x) = 3x^2 - 2$

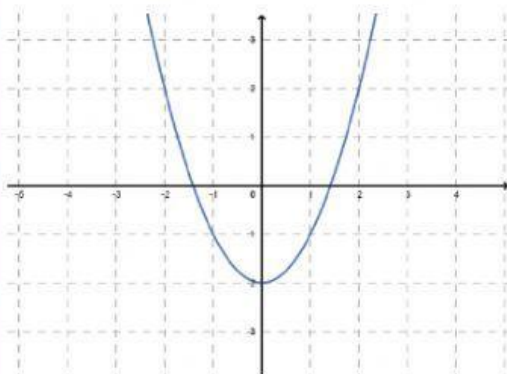
a)



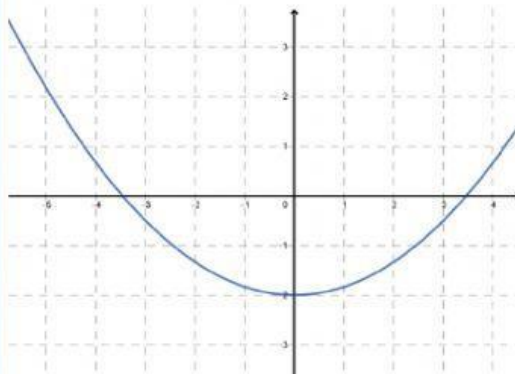
b)



c)

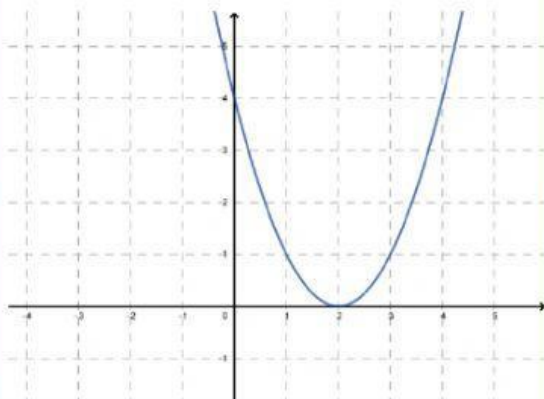


d)

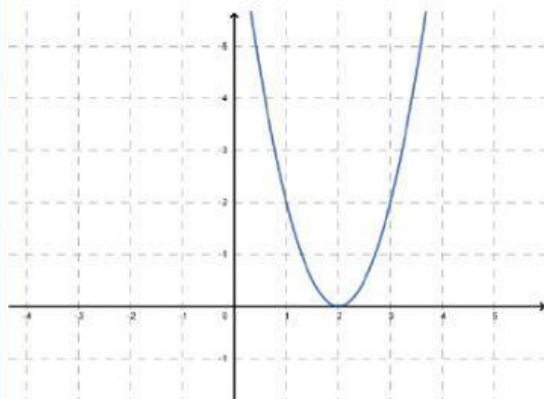


2. $f(x) = (x+2)^2$

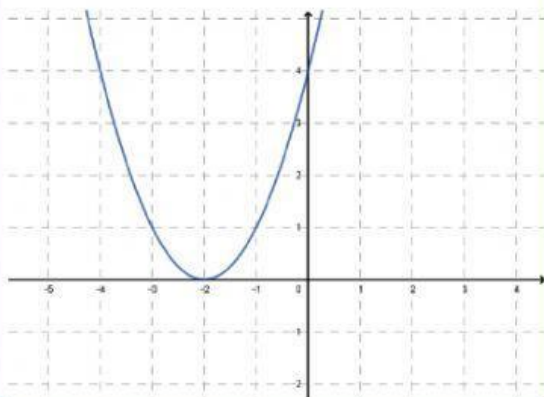
a)



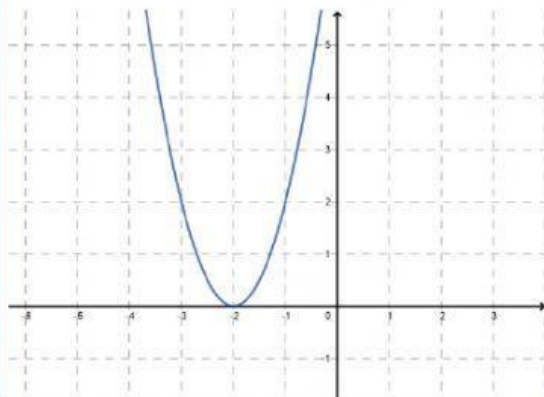
b)



c)

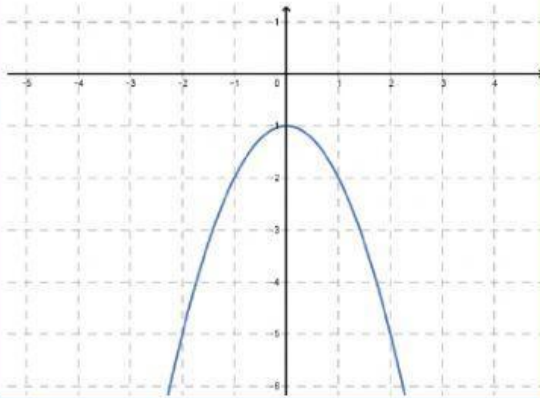


d)

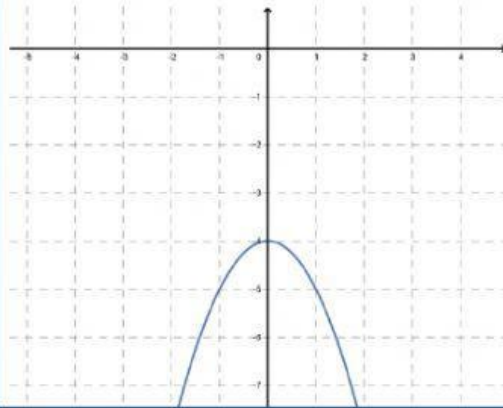


3. $f(x) = -4x^2 - 1$

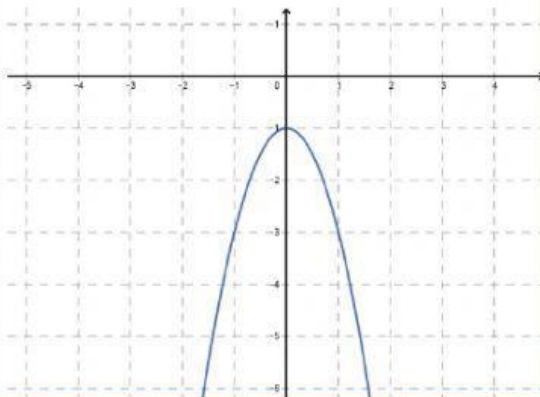
a)



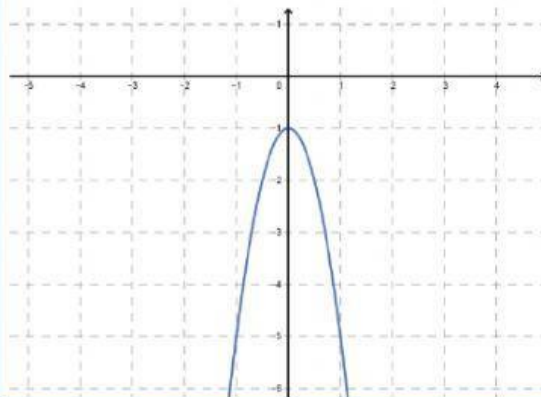
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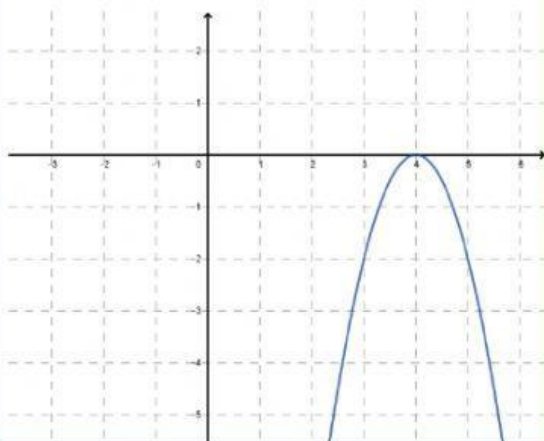


d)

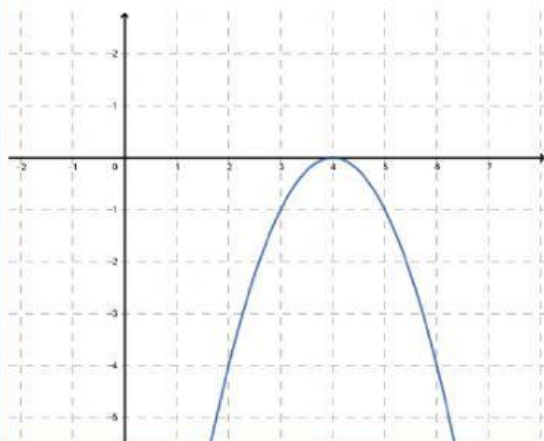


4. $f(x) = -2(x - 4)^2$

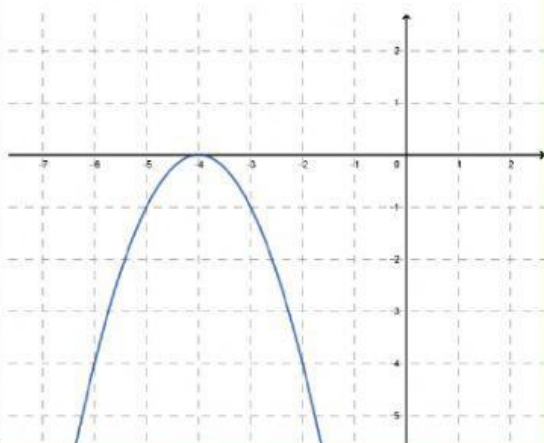
a)



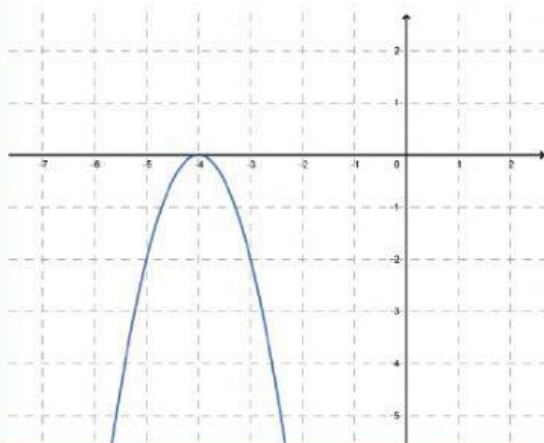
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c)

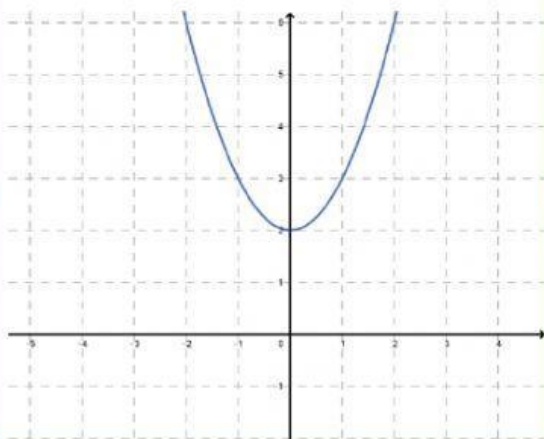


d)

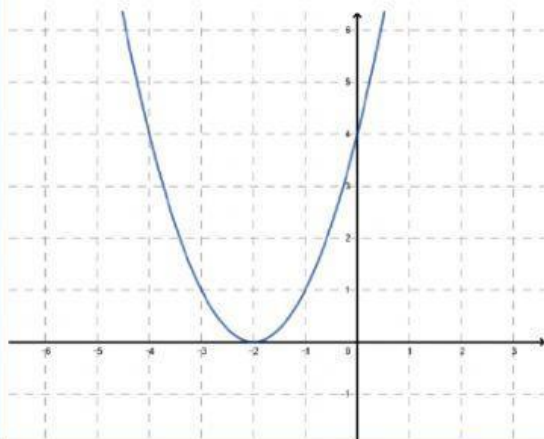


5. $f(x) = 2x^2$

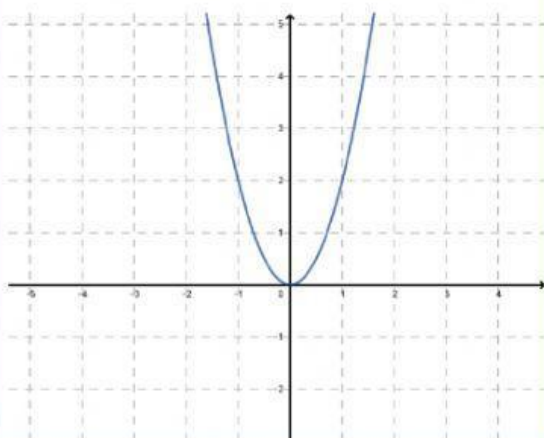
a)



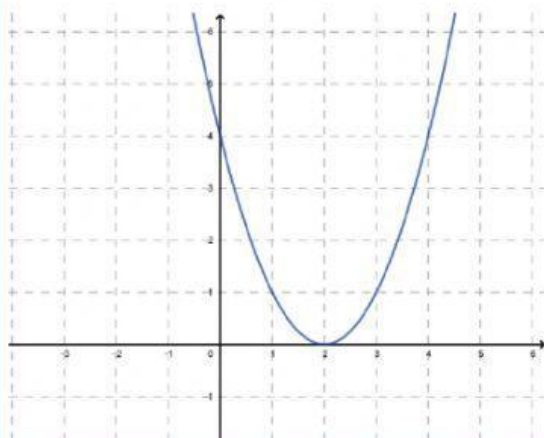
b)



c)

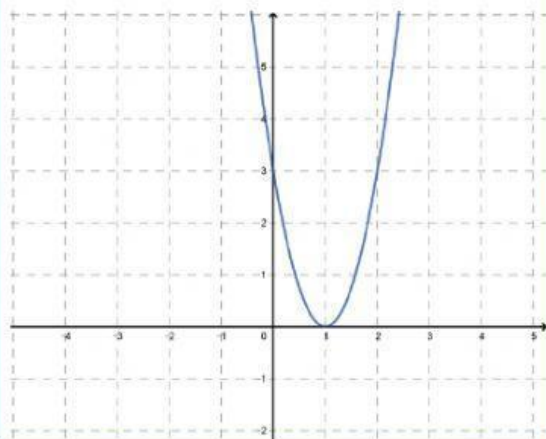


d)

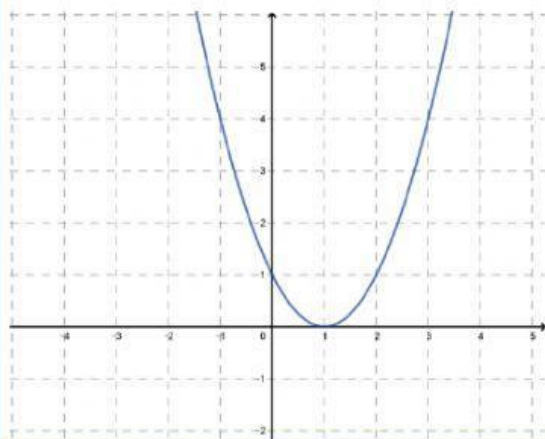


6. $f(x) = 3(x-1)^2$

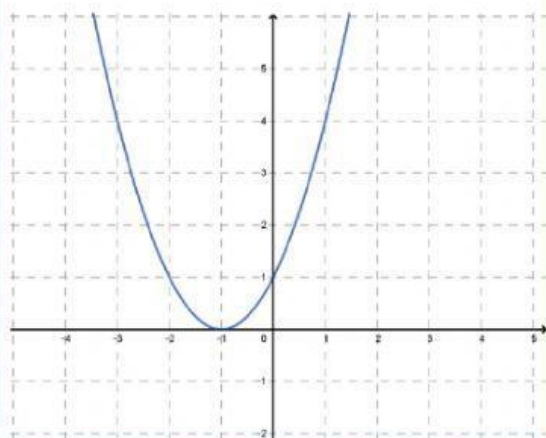
a)



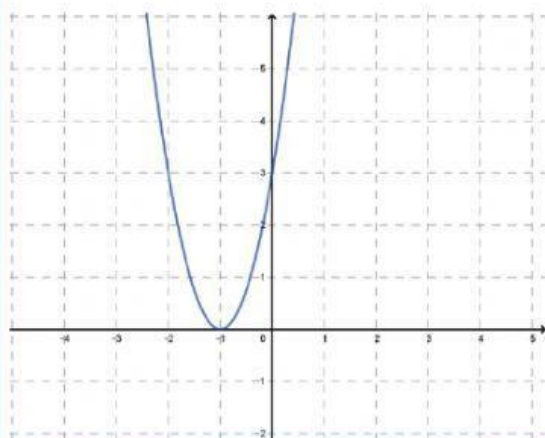
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c)

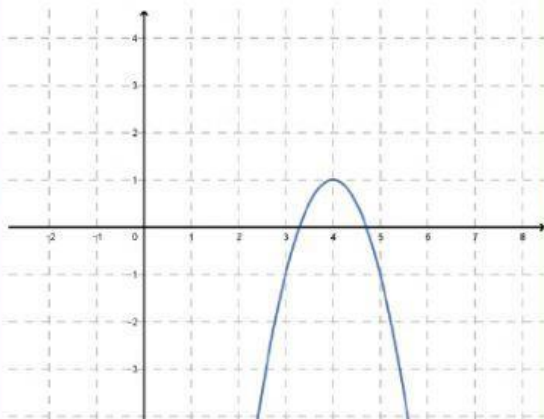


d)

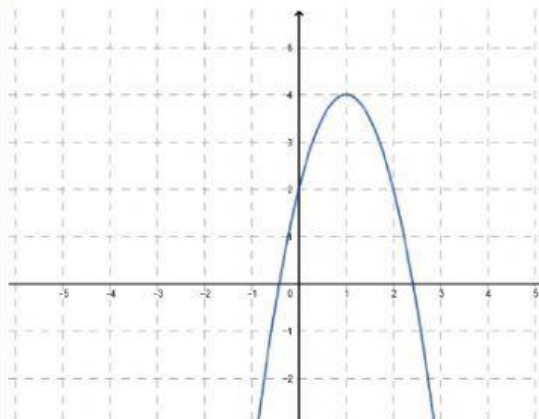


7. $f(x) = -2(x - 4)^2 + 1$

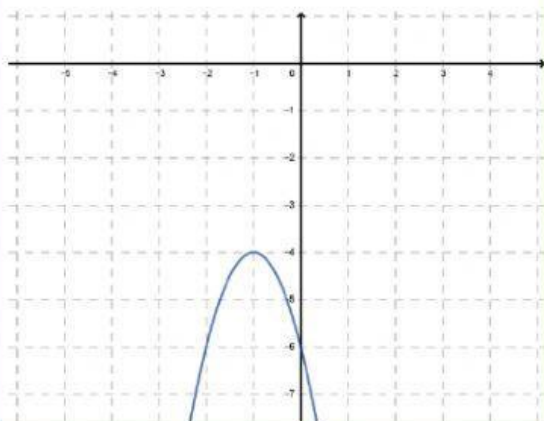
a)



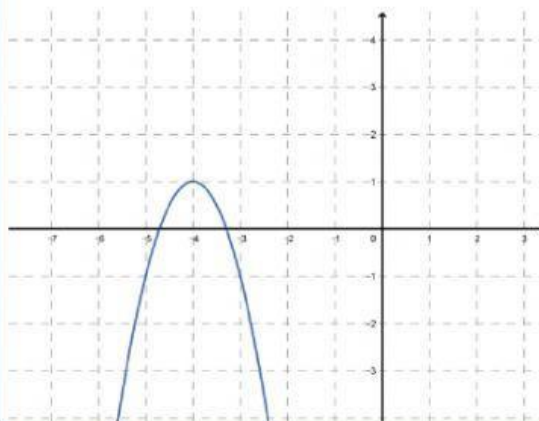
b)



c)

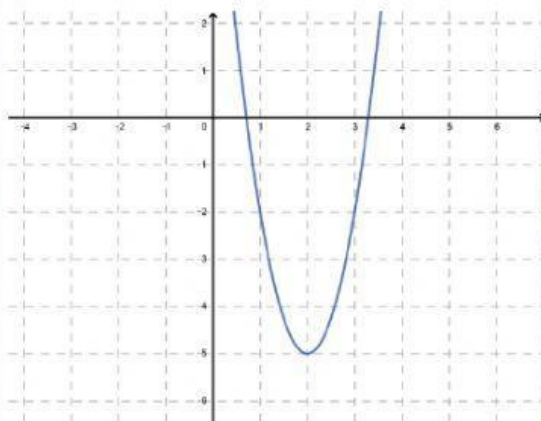


d)

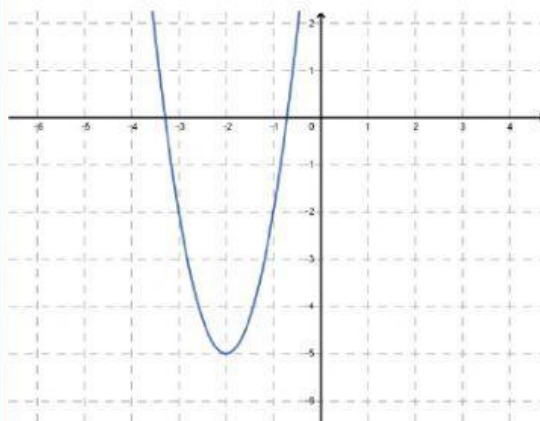


8. $f(x) = 3(x + 2)^2 - 5$

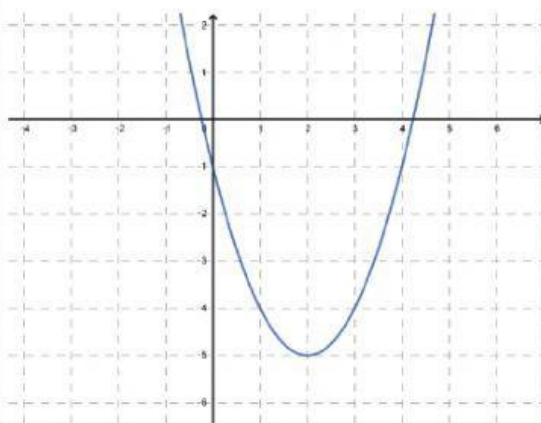
a)



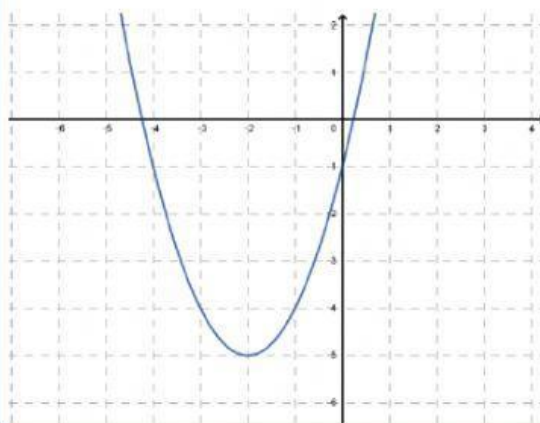
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c)

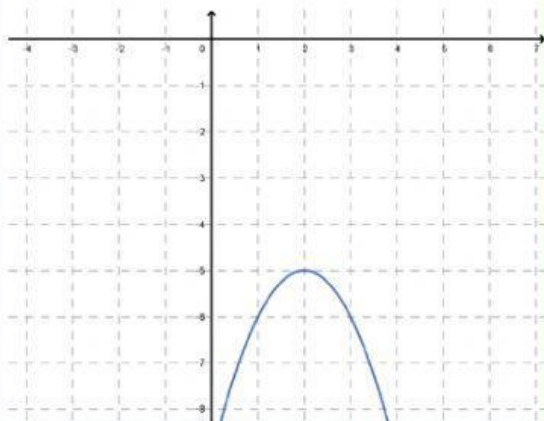


d)

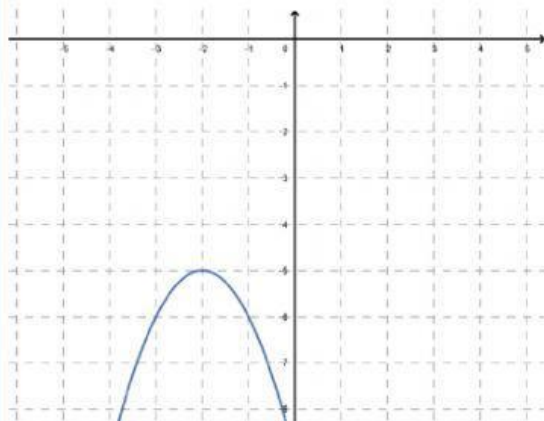


9. $f(x) = -(x-5)^2 - 2$

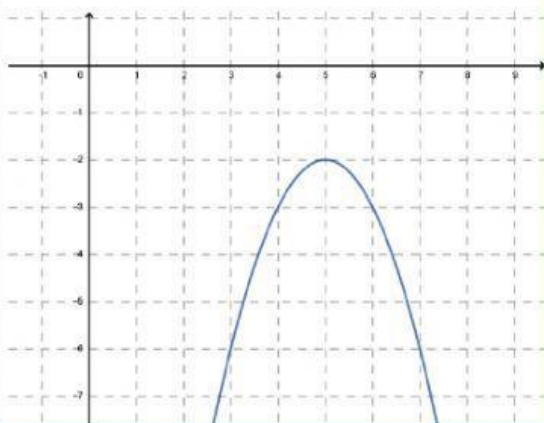
a)



b)



c)



d)

