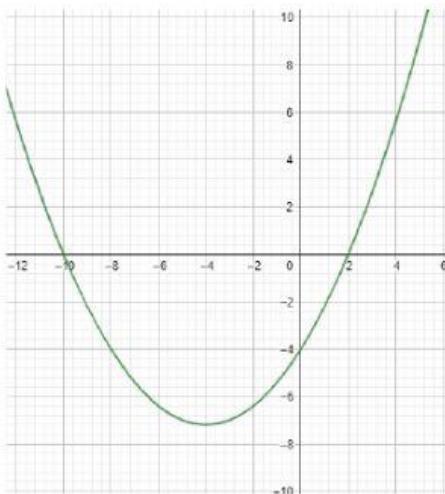


Elije la opción que conteste la pregunta en cada caso:

- 1) ¿Cómo es el discriminante (D) de las ecuaciones que representan cada función cuadrática?

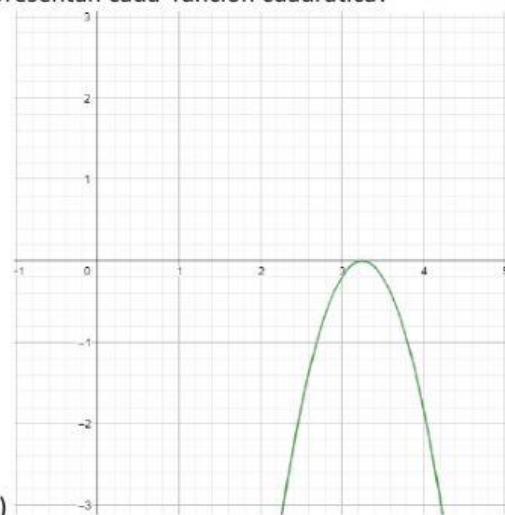


a)

$D < 0$

$D > 0$

$D = 0$

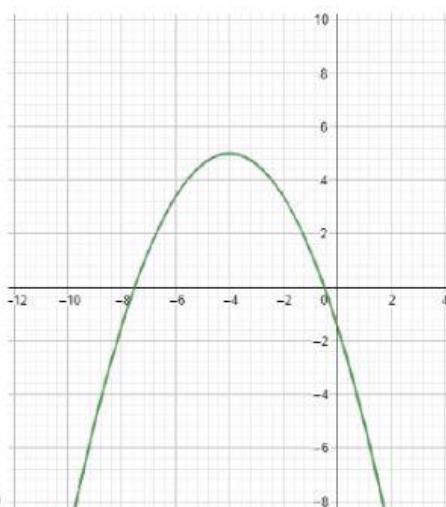


b)

$D < 0$

$D > 0$

$D = 0$

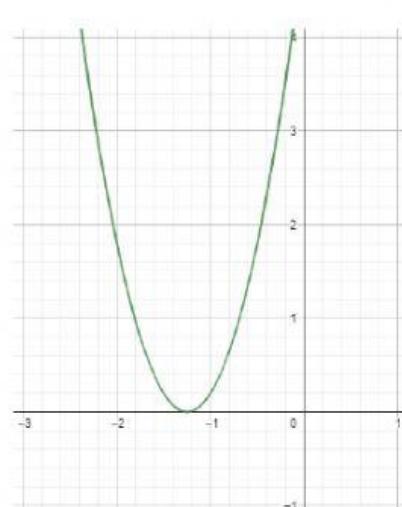


c)

$D < 0$

$D > 0$

$D = 0$

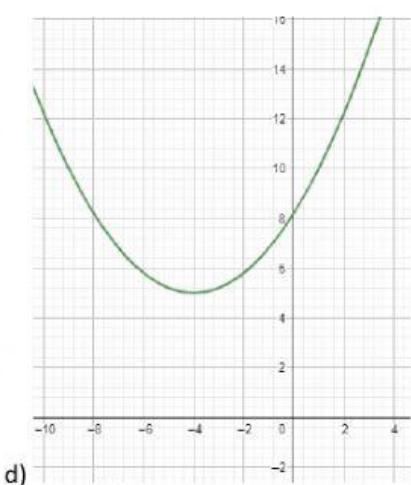


d)

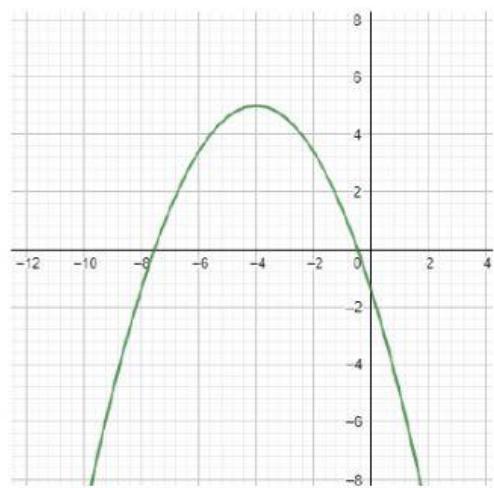
$D < 0$

$D > 0$

$D = 0$



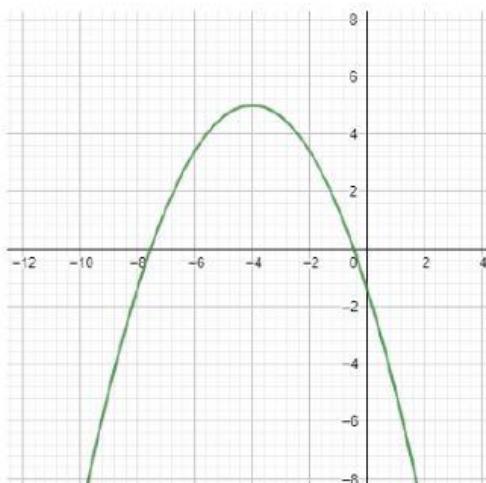
d)



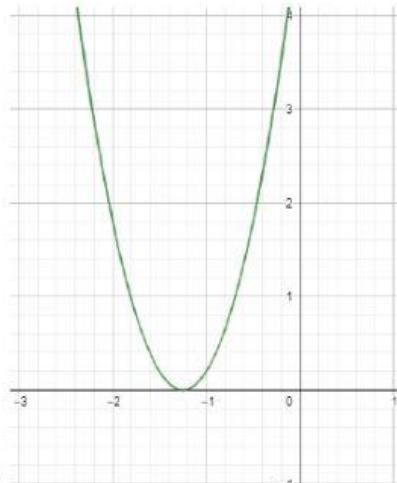
e)

 $D < 0$  $D > 0$  $D = 0$  $D < 0$  $D > 0$  $D = 0$ 

2) Las siguientes funciones son de la forma  $y = ax^2$  ¿cómo es  $a$  en cada caso?



a)



b)

 $a = 0$  $a > 0$  $a < 0$  $a = 0$  $a > 0$  $a < 0$

3) Calcula las coordenadas de los puntos en la parábola:  $y = x^2 + 10x + 22.5$

