

Funciones

1. Observa cada uno de los gráficos e indica que ecuación le corresponde y como te diste cuenta.

a. $2x + 5 = y$

b. $x^2 + y = 4$

c. $y = (x + 1)(x + 4)$

d. $y = \frac{2}{x} + 3$

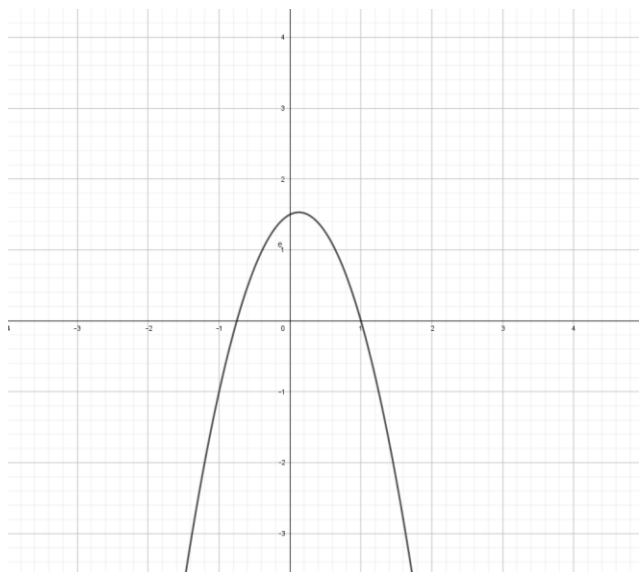
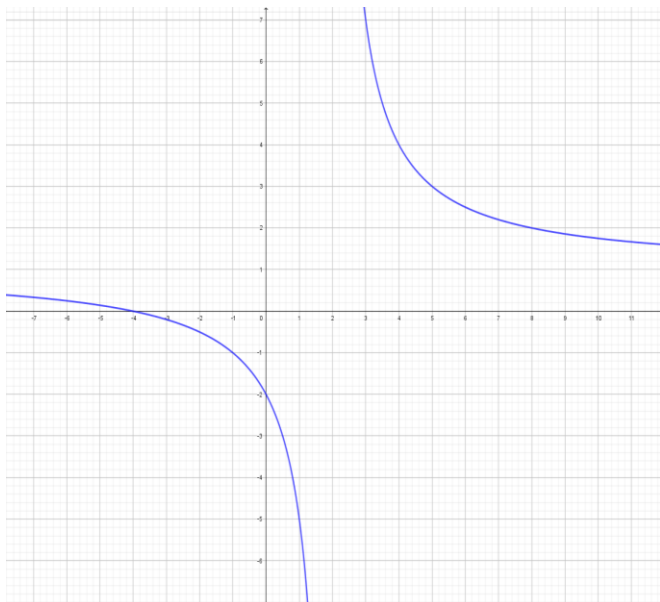
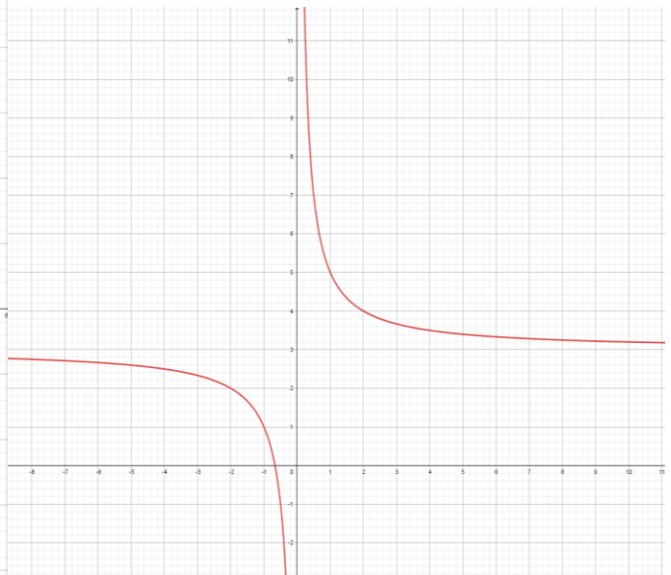
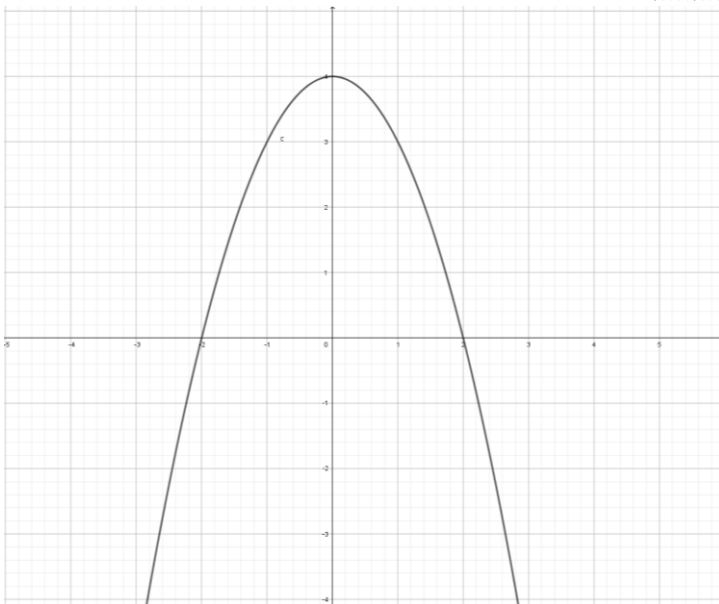
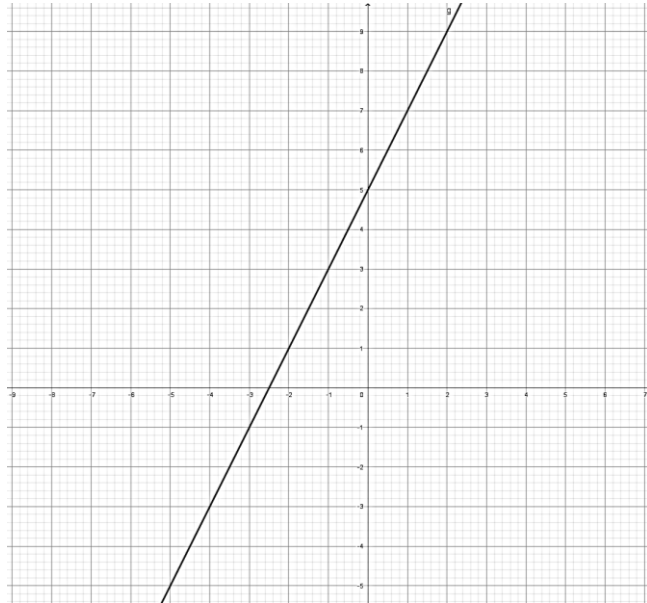
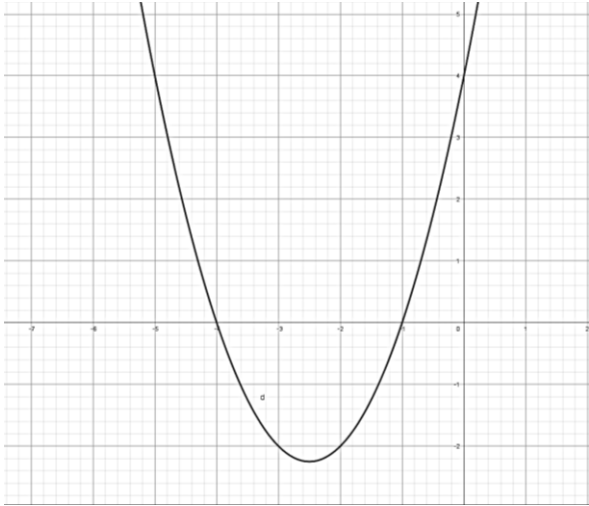
e. $\frac{x+4}{x-2} = y$

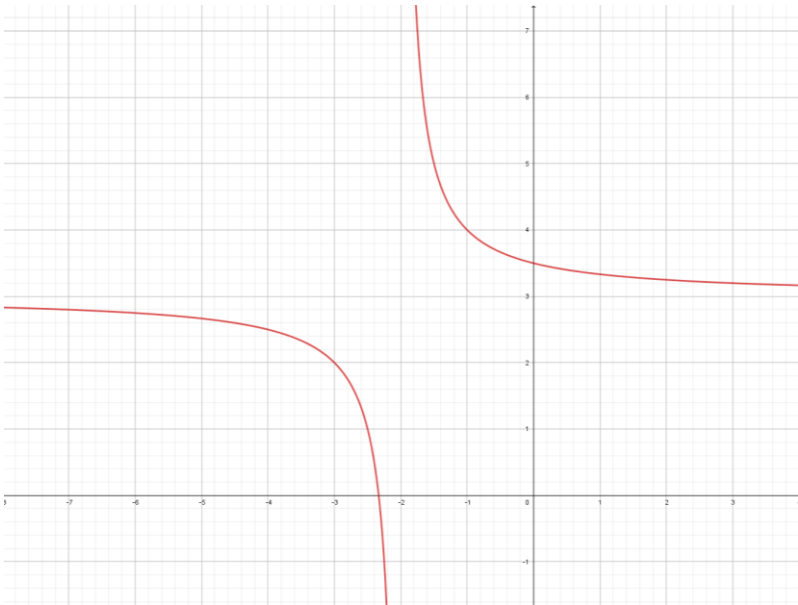
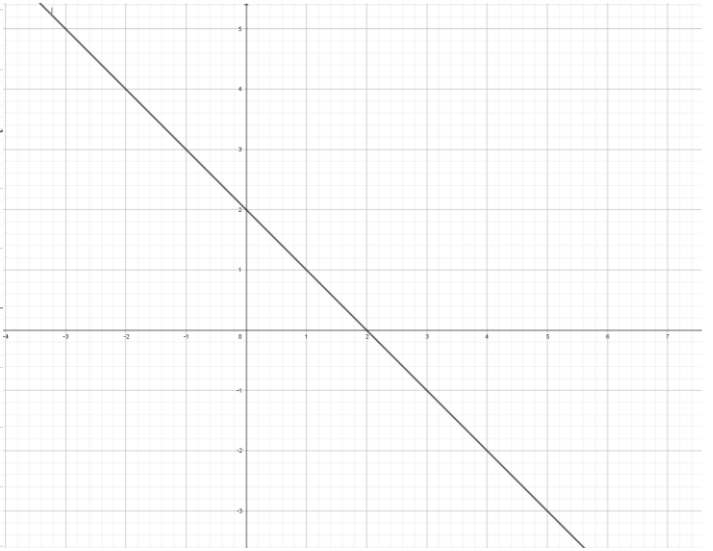
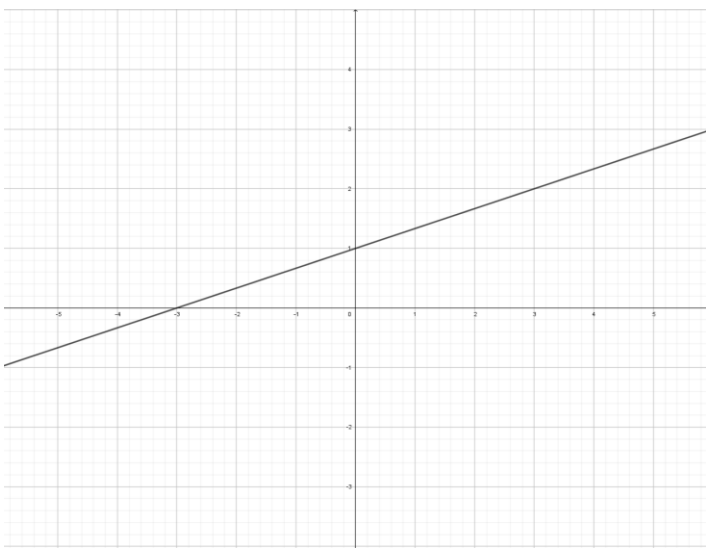
f. $y = \frac{x+3}{3}$

g. $(x + y) \cdot 5 = 10$

h. $2y + 4x^2 = x + 3$

i. $\frac{1}{x+2} + 3 = y$





2. Clasifica cada función anterior como lineal, cuadrática u homográfica
3. En cada función escribe su dominio, imagen, raíces y ordenada al origen.