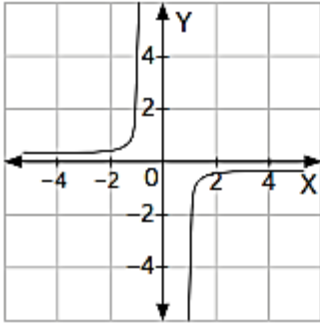


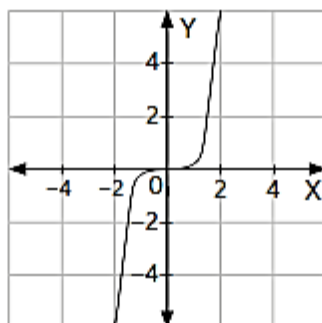
Nombre: \_\_\_\_\_ curso: \_\_\_\_\_

1. A partir de cada gráfico, describe los signos de los coeficientes  $a$  y  $n$  de las siguientes funciones potencias:

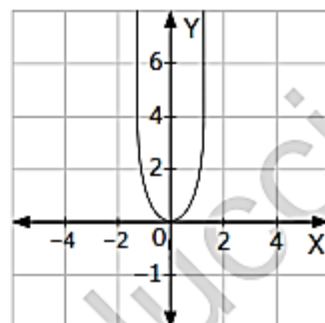
a.



b.



c.

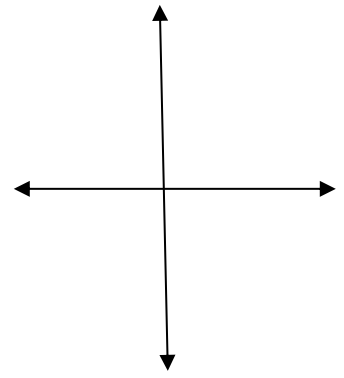
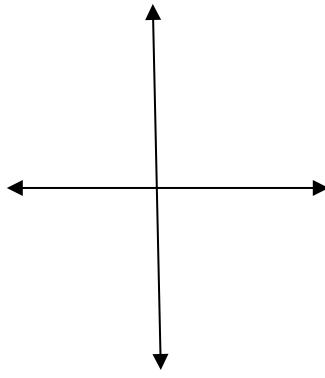
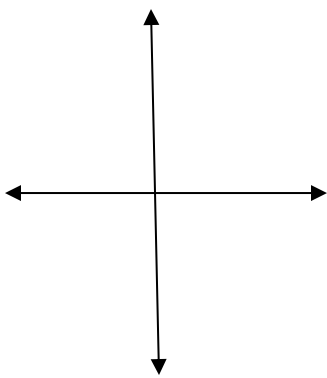


2. Dada las siguientes funciones potencias trasladadas, graficalas y luego determina su dominio y recorrido.

a)  $f(x) = 3x^2$

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

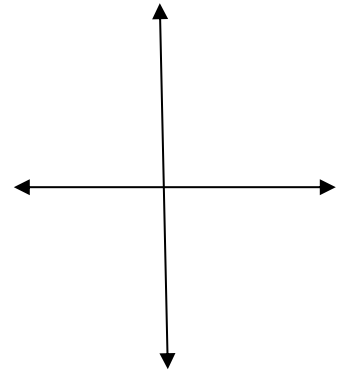
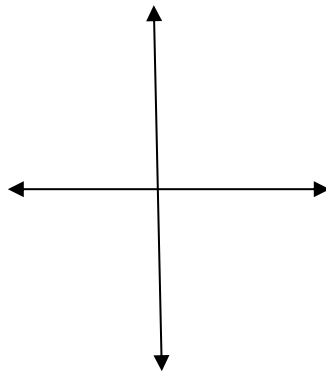
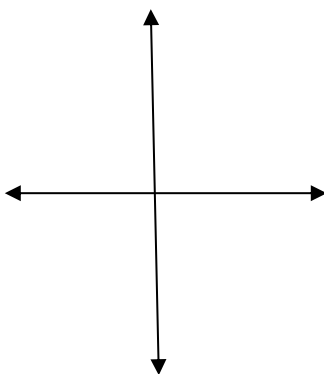
c)  $f(x) = -6x^3$



d)  $f(x) = \frac{1}{5}x^3$

e)  $f(x) = -3x^{-4}$

f)  $f(x) = \frac{1}{7}x^{-2}$



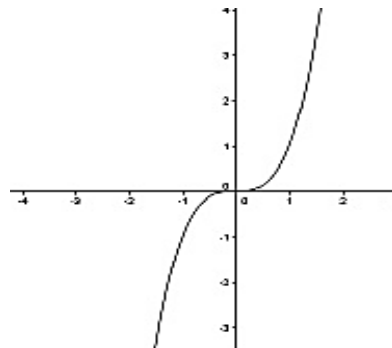
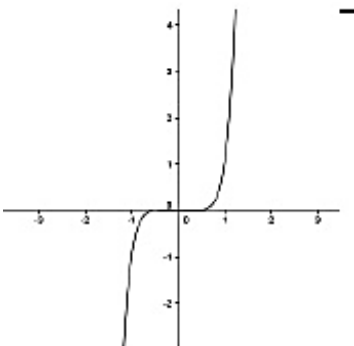
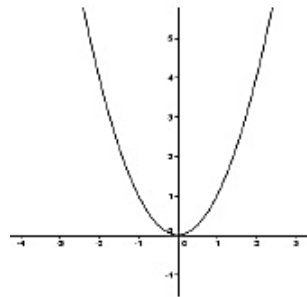
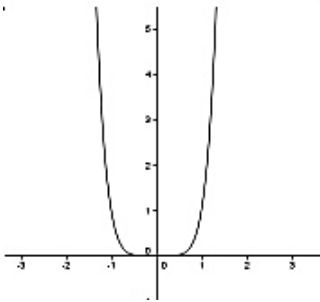


3. Determina el dominio y el recorrido de las siguientes funciones, sin graficar

Función	Dominio	Recorrido
a) $f(x) = 5x^3$		
b) $f(x) = -3x^2$		
c) $f(x) = -8x^{-6}$		
d) $f(x) = \frac{1}{5}x^{-4}$		
e) $f(x) = 9x^{-5}$		
d) $f(x) = \frac{2}{7}x^2$		
f) $f(x) = -7x^5$		

4.- Indica cual es la función que representa cada gráfica.

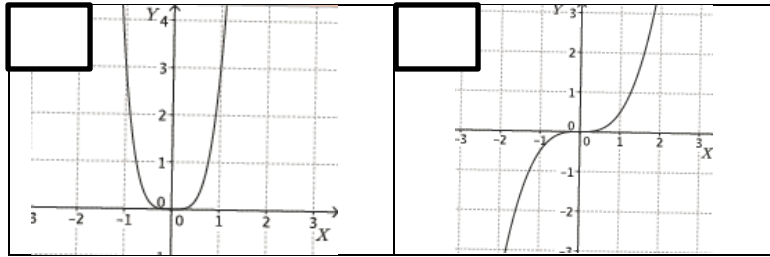
$f(x) = x^2$	$f(x) = x^3$
$f(x) = x^7$	$f(x) = x^6$



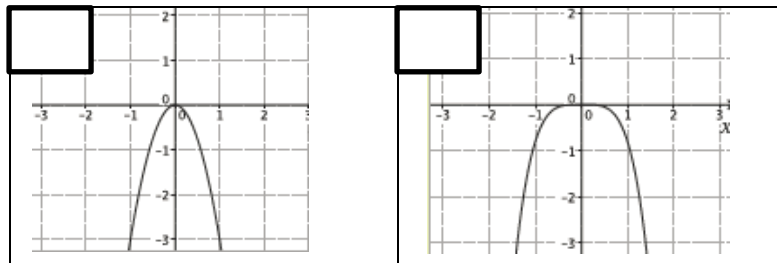


5.- Identifica cual es la gráfica correspondiente a cada función potencia, marca con una cruz la gráfica indicada.

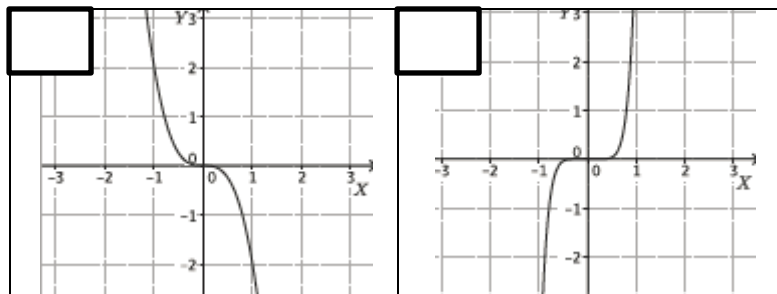
a)  $f(x) = \frac{1}{2}x^3$



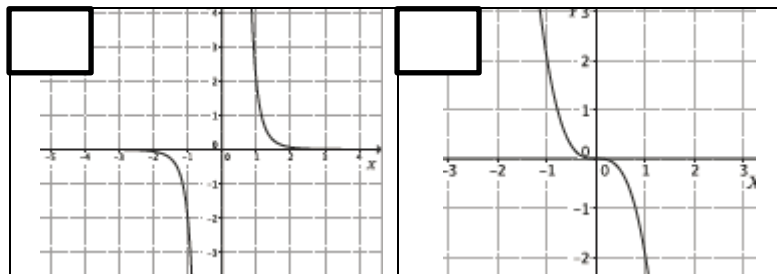
b)  $f(x) = -3x^2$



c)  $f(x) = -2x^3$



d)  $f(x) = 2x^{-5}$



e)  $f(x) = 4x^{-2}$

