

Identificar funciones por su gráfica

1) Identificar cada recta representada con su correspondiente expresión analítica:

a) $y = -0,4x + 1$

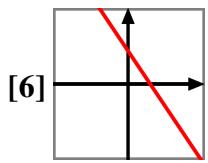
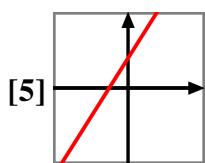
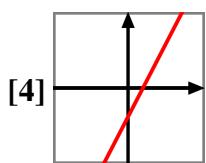
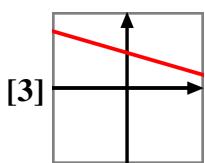
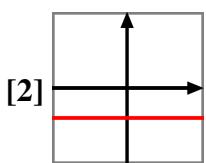
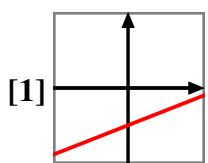
b) $y = 2,7x + 8$

e) $y = 0,6x - 8$

c) $y = -3$

f) $y = 2,7x - 2$

d) $y = -2,7x + 6$



2) Identificar cada función polinómica representada con su correspondiente expresión analítica:

a) $y = x^2 + 7x$

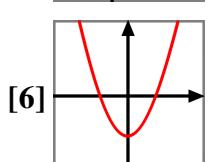
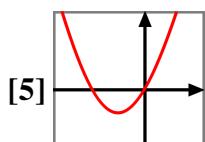
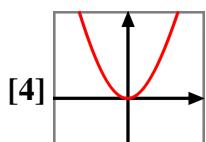
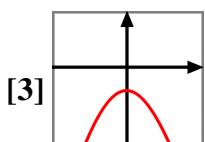
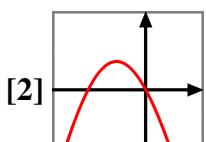
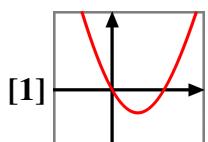
b) $y = 3x^2 - 7$

e) $y = 1,1x^2$

c) $y = 2x^2 - 3x$

d) $y = -3x^2 - 9$

f) $y = -3x^2 - 8x$



3) Identificar cada función polinómica representada con su correspondiente expresión analítica:

a) $y = 4x^3 - 5x$

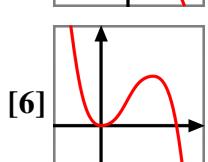
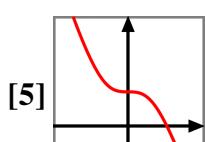
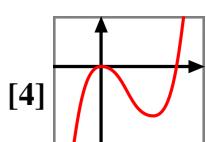
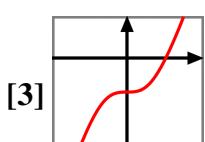
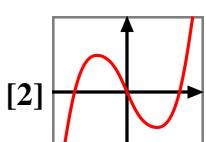
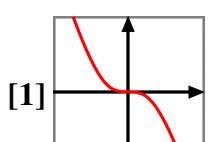
b) $y = 4x^3 - 3x^2$

e) $y = 3x^3 - 9$

c) $y = -x^3$

d) $y = -x^3 + 3$

f) $y = -3x^3 + 9x^2$



4) Identificar cada función representada con su correspondiente expresión analítica:

a) $y = -\frac{1}{x-4}$

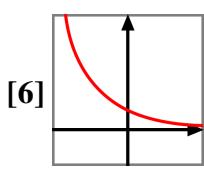
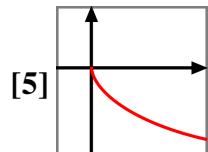
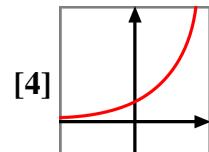
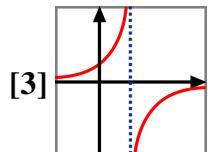
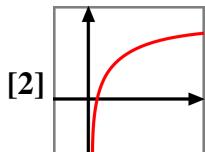
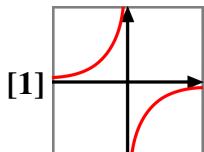
b) $y = -\frac{19}{x}$

c) $y = 5^x$

d) $y = \frac{1}{4^x}$

e) $y = -\sqrt{8x}$

f) $y = \log x$



Soluciones:

1) a) [3] b) [5] c) [2] d) [6] e) [1] f) [4]

2) a) [5] b) [6] c) [1] d) [3] e) [4] f) [2]

3) a) [2] b) [4] c) [1] d) [5] e) [3] f) [6]

4) a) [3] b) [1] c) [4] d) [6] e) [5] f) [2]