

## Identificar funciones por su gráfica

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

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

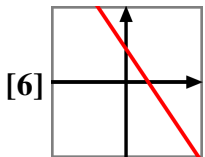
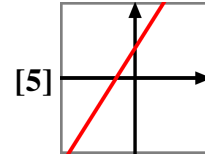
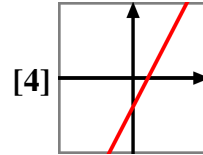
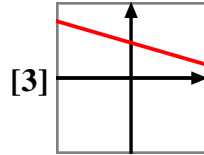
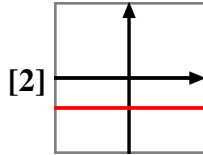
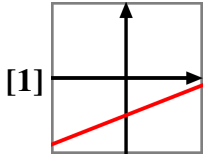
b)  $y = 2,7x + 8$

c)  $y = -3$

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

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

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



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

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

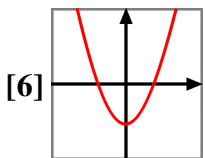
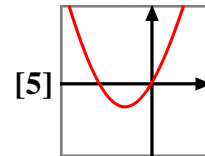
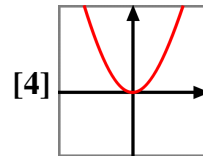
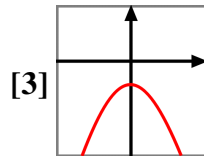
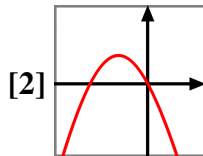
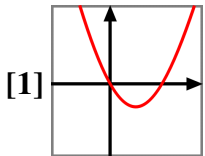
b)  $y = 3x^2 - 7$

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

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

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

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



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

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

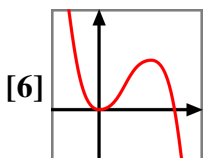
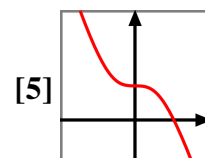
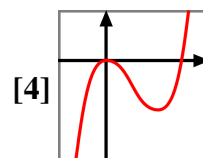
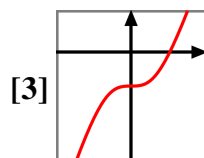
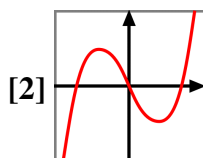
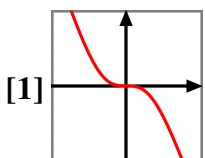
b)  $y = 4x^3 - 3x^2$

c)  $y = -x^3$

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

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

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



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

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

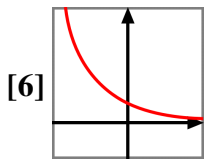
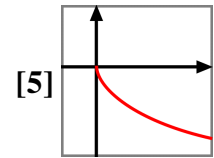
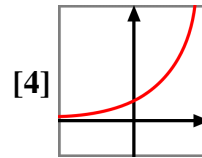
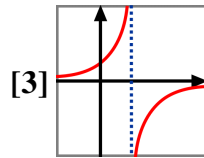
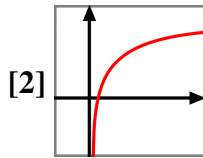
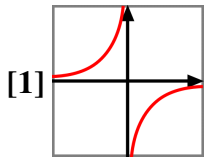
b)  $y = -\frac{19}{x}$

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] |