

# Multiplicación de expresiones algebraicas

Matemáticas - Grado 8  
2016

# Ejercicios

Resolver las multiplicaciones algebraicas; usar máximo 5 cifras decimales en respuesta.

1.  $(-3.52a^{1.2})(9.6a^{2.3})(7.09a^{3.4})(-0.56a^{0.01})(0.03a^{3.91})$
2.  $(56.7xy)(6.3x^2)(-7.74y^2)(-2.1x^3y^3)$
3.  $(-3\spadesuit^{-9.94})(5\heartsuit^{-1.58})(-7\spadesuit^{8.34})(9\heartsuit^{6.98})$
4.  $(\frac{7}{2}h)(0.95h^3k)(3.49h^4k^2)(\frac{11}{23}h^{-2}k^{-1})(-h^{-5}k^{-1})$
5.  $(-180)(-18.0p^{0.3})(-1.8p^{0.03})(-0.18p^{0.003})(-0.018p^{0.0003})$
6.  $(1.2y - 0.4b)(2.4y - 0.8b)$
7.  $(2.9a + 0.4b)(1.4c - 3.8d)$
8.  $(\frac{5}{4}z^2 - 4)(\frac{4}{5}z^2 + 4)$
9.  $(6.98q^2 - 3.49q - 0.92q^3 + 14.9)(14.7 - 5.83q)$  (Ordenar).
10.  $(1.6a - 3)^3$  (!!!)