

Exponents Answer Key

$$2 * 7^2 = 98$$

$$-10^3 = -1,000$$

$$-3^2 = -9$$

$$(-3)^2 = 9$$

$$x^4 * x^7 = x^{11}$$

$$(y^3)^6 = y^{18}$$

$$x^3(x^2)^3 = x^9$$

$$6^5/6^3 = 6^2 = 36$$

$$(x^6/x^4)^3 = x^6$$

$$(-5xy)^3 = -125x^3y^3$$

$$(-6x^2y^3)^3 = -216x^6y^9$$

$$(3/4)^2 = 9/16$$

$$(x^4/y^2)^2 = x^8/y^4$$

$$4^0 + 3^0 = 2$$

$$3x^{-3} = 3/x^3$$

$$a^{-1} + b^{-1} = 1/a + 1/b$$

