

Matching Exponents

Name _____

Date _____

Match the problem in column I with its solution in column II.

I		II
_____ $x^3(x^7)(x^2)$	A.	$98x^{11}$
_____ $(xy^4)(x^3y^2)$	B.	$x^{15}y^3$
_____ $(5x)(3x)$	C.	$27x^6$
_____ $6x^5 \cdot 2y \cdot x$	D.	$-16x^{10}$
_____ $7^2x^8 \cdot 2x^3$	E.	$\frac{8}{27}x^3y^{15}$
_____ $(3x^2)^3$	F.	x^4y^6
_____ $(x^5y)^3$	G.	$-2x^{10}$
_____ $(-4x^5)^2$	H.	$\frac{4}{9}x^8y^4$
_____ $(-2)^4 \cdot -x^{10}$	I.	x^{12}
_____ $\left(\frac{2}{3}xy^5\right)^3$	J.	$16x^{10}$
_____ $\frac{2}{3}x^6y \cdot \frac{2}{3}x^2y^3$	K.	$0.125x^6$
_____ $(xy)(yx)$	L.	$12x^6y$
_____ $(0.5x^2)^3$	M.	$-x^{22}y^8$
_____ $\left(\frac{1}{4}x^9\right)(-8x)$	N.	$15x^2$
_____ $(-x^7y^2)^3(xy^2)$	O.	x^2y^2