

Why Couldn't the Chicken Find Her Egg?

Simplify each expression and find your answer below. Cross out the box containing your answer. When you finish, there will be six boxes not crossed out. Print the letters from these boxes in the squares at the bottom of the page.



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|-------------------------|-----------------------|---------------------------------|
| ① $(4x^2y)(2xy^2)$ | ⑦ $(4xy^2)(x^3y)^2$ | ⑬ $(-1)^3(5x^2y)^3$ |
| ② $x^2(3xy)(xy^4)$ | ⑧ $(-x^4y)(3xy^3)^2$ | ⑭ $(2x)^4(-x^2)(-y)^2$ |
| ③ $(-4x^3y)(x^2y^2)(y)$ | ⑨ $(5x^2y)^2(2xy^3)$ | ⑮ $(-3x^2y^2)(-3xy)^2$ |
| ④ $(5xy^3)^2$ | ⑩ $(-xy)^2(-xy^2)$ | ⑯ $(7x^6y^4)(x^3y^2)^2$ |
| ⑤ $(-3x^2y)^3$ | ⑪ $3(x^2y)^2(xy^2)^4$ | ⑰ $7x^6y^4 + (x^3y^2)^2$ |
| ⑥ $(6x^2)(2x)^3$ | ⑫ $(-2x^2)^3(-y)^5$ | ⑱ $x^2(xy^3)^2 + y^2(x^2y^2)^2$ |

IT	TH	SH	EL	EE	OW	EM	IX
$-4x^5y^4$	$7x^{12}y^8$	$7x^{10}y^9$	$-x^3y^4$	$2x^4y^6$	$8x^3y^3$	$16x^4y^3$	$3x^8y^{10}$
GG	IS	OS	YO	AT	LK	LA	TE
$8x^6y^4$	$-4x^6y^3$	$50x^5y^5$	$48x^5$	$8x^6y^5$	$4x^7y^4$	$4x^6y^6$	$-125x^6y^3$
SD	TH	ID	LO	QU	IT	ST	EN
$25x^2y^6$	$-9x^6y^7$	$-x^5y^8$	$-27x^4y^4$	$3x^4y^5$	$3x^7y^{12}$	$-16x^6y^2$	$-27x^6y^3$