

Why Was the Deck of Cards Always in Trouble?



Simplify the expression. For each set of exercises, there is one extra answer. Write the letter of this answer in each box containing the number of that set.

1	a. $\frac{20x^5}{5x^3}$	b. $\frac{-28x^4}{7x}$	P $-4x^3$	O $-4x$	V $4x^2$											
2	a. $\frac{26m^8n^2}{13m^5n}$	b. $\frac{-60m^9n^6}{-12mn^2}$	I $5m^3n^2$	A $2m^3n$	G $5m^8n^4$											
3	a. $\frac{2ab^5}{a^4b^2}$	b. $\frac{-5a^2b^3}{10b^8}$	F $\frac{2b^3}{a^3}$	S $-\frac{2a^2}{b^3}$	T $-\frac{a^2}{2b^5}$											
4	a. $\frac{(k^2e)^2}{k^3e}$	b. $\frac{(ke)^2(ke^2)}{k^2e}$	N ke^3	L ke	D k^2e^2											
5	a. $\frac{(-3c^3d)^2}{2cd^3}$	b. $\frac{(-c)^3(-d^3)}{5c^8d}$	A $\frac{9c^5}{2d}$	R $\frac{d^2}{5c^5}$	E $\frac{9d}{5c^3}$											
6	a. $\left(\frac{8x}{y^3}\right)^2$	b. $\left(\frac{x^5}{-2y^2}\right)^3$	B $-\frac{x^{15}}{8y^6}$	T $\frac{x^8}{8y^8}$	W $\frac{64x^2}{y^6}$											
7	a. $\left(\frac{6ab^3}{3c^2}\right)^2$	b. $\left(\frac{a^2b^3c^4}{ac^2}\right)^3$	R $\frac{4a^3b^9}{c^4}$	N $a^3b^9c^6$	V $\frac{4a^2b^6}{c^4}$											
8	a. $\frac{(-5vt)^2}{-5vt^2}$	b. $\frac{15(v^2t)^5}{3v^{10}}$	H $5vt^4$	L $-5v$	A $5t^5$											
9	a. $\frac{(-3wh^3)^2}{9w^5h^8}$	b. $\frac{-w(-h)^4}{(-wh)^4}$	J $-\frac{1}{w^2h^2}$	F $-\frac{1}{w^3}$	B $\frac{1}{w^3h^2}$											
10	a. $\left(\frac{5pq^3}{4p^3q}\right)^2$	b. $\left(\frac{-3q^5}{pq}\right)^3$	A $-\frac{27q^{12}}{p^3}$	L $-\frac{27q^6}{p^4}$	N $\frac{25q^4}{16p^4}$											
11	a. $\frac{(-2n)^5}{-2n^5}$	b. $\frac{12n(-n)^3}{-60n^2}$	G $\frac{n^2}{5}$	B 16	K $\frac{n}{8}$											
12	a. $\left(\frac{a^3}{7b^2}\right)^x$	b. $\left(\frac{7a^x}{7b^y}\right)^x$	P $\frac{a^{x^2}}{b^{xy}}$	M $\frac{a^{3x}}{7^x b^{2x}}$	W $\frac{a^{3x}}{7b^x}$											
6	8	5	9	1	11	5	7	3	12	5	7	5	12	2	10	4