



Polynomial Algebra - Difference of Exponents (Variables) Divided by Second

Exponent - Simplify

1	What does this expression simplify to?	A $(n+1)(n-1)$	B $(n+1)^2$
	$\frac{n^{112} + n^{111}}{n^{111}}$	C $n+1$	D $n-1$
2	What does this expression simplify to?	A $(y+1)^2$	B $y+1$
	$\frac{y^{290} + y^{289}}{y^{289}}$	C $(y+1)(y-1)$	D $y-1$
3	What does this expression simplify to?	A $x-1$	B $x+1$
	$\frac{x^{162} + x^{161}}{x^{161}}$	C $(x+1)^2$	D $(x+1)(x-1)$
4	What does this expression simplify to?	A $d-1$	B $d+1$
	$\frac{d^{412} - d^{411}}{d^{411}}$	C $(d+1)(d-1)$	D $(d+1)^2$
5	What does this expression simplify to?	A $c-1$	B $(c+1)(c-1)$
	$\frac{c^{278} - c^{277}}{c^{277}}$	C $(c+1)^2$	D $c+1$
6	What does this expression simplify to?	A $(m+1)(m-1)$	B $m+1$
	$\frac{m^{245} - m^{244}}{m^{244}}$	C $(m+1)^2$	D $m-1$
7	What does this expression simplify to?	A $c+1$	B $c-1$
	$\frac{c^{434} - c^{433}}{c^{433}}$	C $(c+1)(c-1)$	D $(c+1)^2$
8	What does this expression simplify to?	A $d+1$	B $(d+1)(d-1)$
	$\frac{d^{188} - d^{187}}{d^{187}}$	C $d-1$	D $(d+1)^2$