



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

<p>1 What does this expression simplify to?</p> $\frac{y^{483} + y^{482}}{y^{482}}$	<p>A $y - 1$</p>	<p>B $(y + 1)^2$</p>	<p>2 What does this expression simplify to?</p> <p>A $(z + 1)^2$</p> <p>B $z - 1$</p>
	<p>C $y + 1$</p>	<p>D $(y + 1)(y - 1)$</p>	<p>C $z + 1$</p> <p>D $(z + 1)(z - 1)$</p>
			<p>$\frac{z^{322} + z^{321}}{z^{321}}$</p>
<p>3 What does this expression simplify to?</p> $\frac{p^{383} + p^{382}}{p^{382}}$	<p>A $p - 1$</p>	<p>B $(p + 1)^2$</p>	<p>4 What does this expression simplify to?</p> <p>A $t + 1$</p> <p>B $(t + 1)(t - 1)$</p>
	<p>C $p + 1$</p>	<p>D $(p + 1)(p - 1)$</p>	<p>C $t - 1$</p> <p>D $(t + 1)^2$</p>
			<p>$\frac{t^{361} - t^{360}}{t^{360}}$</p>
<p>5 What does this expression simplify to?</p> $\frac{m^{403} - m^{402}}{m^{402}}$	<p>A $m - 1$</p>	<p>B $(m + 1)^2$</p>	<p>6 What does this expression simplify to?</p> <p>A $(p + 1)^2$</p> <p>B $p + 1$</p>
	<p>C $(m + 1)(m - 1)$</p>	<p>D $m + 1$</p>	<p>C $(p + 1)(p - 1)$</p> <p>D $p - 1$</p>
			<p>$\frac{p^{411} + p^{410}}{p^{410}}$</p>
<p>7 What does this expression simplify to?</p> $\frac{t^{356} - t^{355}}{t^{355}}$	<p>A $t + 1$</p>	<p>B $(t + 1)(t - 1)$</p>	<p>8 What does this expression simplify to?</p> <p>A $(w + 1)(w - 1)$</p> <p>B $w - 1$</p>
	<p>C $(t + 1)^2$</p>	<p>D $t - 1$</p>	<p>C $(w + 1)^2$</p> <p>D $w + 1$</p>
			<p>$\frac{w^{262} + w^{261}}{w^{261}}$</p>