

Nombre: _____

Simplificando potencias, selecciona la respuesta correcta

1) $3^4 \cdot 3^5 \cdot 3^6 \cdot 3^9 =$

3^{24}	3^{1080}	81^{24}
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2) $4^2 \cdot 5^3 \cdot 4^7 \cdot 5^9 \cdot 5^4 =$

$4^{14} \cdot 5^{108}$	$4^9 \cdot 5^{16}$	20^{25}
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3) $a^3 \cdot a^5 \cdot a^7 \cdot a \cdot a^2 =$

a^{17}	a^{210}	a^{18}
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4) $x^3 + x^5 + x^3 + x^2 + x^5 =$

x^{18}	$2x^3 + 2x^5 + x$	$x^2 + 2x^3 + 2x^5$
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5) $\frac{2^{18}}{2^{12}} =$

2^6	2^{30}	2^2
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6) $\frac{m^8 n^3}{m^4 n^3} =$

$m^{12} \cdot n^6$	$m^4 \cdot n^6$	m^4
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7) $(3^2)^4 =$

3^8	3^6	3^2
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8) $\frac{3^5}{3^8} =$

3^3	3^{13}	$\frac{1}{3^3}$
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9) $(4^2)^3 \cdot (4)^2 =$

4^{12}	4^7	4^8
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10) $(4^{-2})(4)(4) =$

1	4^1	4
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11) $(2m^2)^3 =$

$8m^6$	$2m^3$	$2m^5$
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