

mobius

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

1	Find the specific formula $\frac{x^{279}-x^{278}}{x^{278}}=16$		2	Find the value of n without using a calculator		
			$rac{n^{486}-n^{485}}{n^{485}}=6$			
Α	x = 18	B x = 25	Α	n = 13	B n = 6	
С	x = 20	D x = 14	С	n = 8	D n = 5	
E	x = 17	F x = 23	E	n = 3	F n = 7	
3	Find the value of x without using a calculator			Find the value of y without using a calculator		
	$rac{x^{298}+x^{297}}{x^{297}}=$ 16			$rac{y^{451}+y^{450}}{y^{450}}=9$		
$\frac{10}{x^{297}} = 10$				y^{450} — 2		
Α	x = 16	B x = 17	А	y = 2	B y = 17	
С	x = 9	D x = 14	С	y = 11	D y = 6	
E	x = 15	F x = 10	E	y = 16	F y = 8	
5	Find the value of m without using a calculator $rac{m^{306}-m^{305}}{m^{305}}=11$		6	Find the value of m without using a calculator		
				$rac{m^{146}+m^{145}}{m^{145}}=10$		
Α	m = 2	B m = 12	Α	m = 6	B m = 14	
С	m = 11	D m = 18	С	m = 12	D m = 9	
E	m = 4	F m = 7	E	m = 3	F m = 1	
7	Find the value of d without using a calculator $rac{d^{210}+d^{209}}{d^{209}}=7$			Find the value of m without using a calculator		
				$\frac{m^{347} - m^{346}}{m^{346}} = 22$		
d^{209}						
Α	d = 8	B d = 6	А	m = 33	B m = 23	
С	d = 4	D d = 10	С	m = 17	D m = 35	
E	d = 15	F d = 9	E	m = 19	F m = 29	