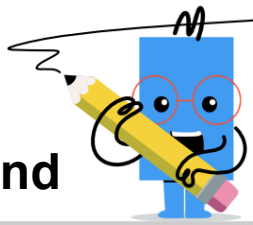
Name

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



1 Find the value of c without using a calculator

$$\frac{c^{2021} - c^{2020}}{c^{2020}} = 10$$

A	c = 3	B	c = 13
C	c = 16	D	c = 5
E	c = 9	F	c = 11

2 Find the value of p without using a calculator

$$\frac{p^{2014} - p^{2013}}{p^{2013}} = 7$$

A	p = 3	B	p = 10
C	p = 5	D	p = 8
E	p = 6	F	p = 12

3 Find the value of y without using a calculator

$$\frac{y^{2010} + y^{2009}}{y^{2009}} = 12$$

A	y = 17	B	y = 11
C	y = 6	D	y = 20
E	y = 8	F	y = 5

4 Find the value of n without using a calculator

$$\frac{n^{2008} - n^{2007}}{n^{2007}} = 11$$

A	n = 6	B	n = 5
C	n = 20	D	n = 12
E	n = 8	F	n = 14

5 Find the value of n without using a calculator

$$\frac{n^{2028} + n^{2027}}{n^{2027}} = 7$$

A	n = 5	B	n = 10
C	n = 1	D	n = 6
E	n = 8	F	n = 13

6 Find the value of b without using a calculator

$$\frac{b^{2009} - b^{2008}}{b^{2008}} = 9$$

A	b = 5	B	b = 15
C	b = 17	D	b = 10
E	b = 19	F	b = 11

7 Find the value of d without using a calculator

$$\frac{d^{2028} - d^{2027}}{d^{2027}} = 20$$

A	d = 9	B	d = 37
C	d = 27	D	d = 39
E	d = 7	F	d = 21

8 Find the value of r without using a calculator

$$\frac{r^{2013} + r^{2012}}{r^{2012}} = 22$$

A	r = 39	B	r = 23
C	r = 17	D	r = 5
E	r = 21	F	r = 33