



Polynomial Algebra X plus 1 Squared - Squared Variables with Coefficient

Divided by Term - Solve

1 Find the value of y without using a calculator

$$\frac{4y^2 + 8y + 4}{y + 1} = 48$$

A	y = 20	B	y = 9
C	y = 5	D	y = 15
E	y = 12	F	y = 11

2 Find the value of y without using a calculator

$$\frac{4y^2 + 8y + 4}{y + 1} = 24$$

A	y = 5	B	y = 11
C	y = 7	D	y = 4
E	y = 9	F	y = 13

3 Find the value of p without using a calculator

$$\frac{2p^2 + 4p + 2}{p + 1} = 18$$

A	p = 11	B	p = 4
C	p = 8	D	p = 12
E	p = 15	F	p = 5

4 Find the value of p without using a calculator

$$\frac{5p^2 + 10p + 5}{p + 1} = 105$$

A	p = 12	B	p = 20
C	p = 8	D	p = 16
E	p = 32	F	p = 10

5 Find the value of m without using a calculator

$$\frac{3m^2 + 6m + 3}{m + 1} = 24$$

A	m = 8	B	m = 5
C	m = 7	D	m = 14
E	m = 6	F	m = 9

6 Find the value of r without using a calculator

$$\frac{2r^2 + 4r + 2}{r + 1} = 26$$

A	r = 7	B	r = 19
C	r = 20	D	r = 12
E	r = 10	F	r = 9

7 Find the value of y without using a calculator

$$\frac{3y^2 + 6y + 3}{y + 1} = 51$$

A	y = 16	B	y = 14
C	y = 7	D	y = 25
E	y = 18	F	y = 11

8 Find the value of q without using a calculator

$$\frac{3q^2 + 6q + 3}{q + 1} = 75$$

A	q = 20	B	q = 10
C	q = 24	D	q = 26
E	q = 14	F	q = 30