



Logarithm Algebra (Power Property) - To Answer (Coefficient 1)



1 Use the power rule to simplify this and solve for 'm'

$$2 \log_4(m + 6) = \log_4(9)$$

A $m = 6$ B $m = -3$ C $m = 2$

2 Use the power rule to simplify this and solve for 'z'

$$2 \log_9(z + 9) = \log_9(4)$$

A $z = -2$ B $z = -4$ C $z = -7$

3 Use the power rule to simplify this and solve for 'w'

$$2 \log_9(w + 2) = \log_9(9)$$

A $w = 1$ B $w = 7$ C $w = -6$

4 Use the power rule to simplify this and solve for 'x'

$$2 \log_2(x + 3) = \log_2(4)$$

A $x = -5$ B $x = -1$ C $x = -6$

5 Use the power rule to simplify this and solve for 'x'

$$2 \log_9(x + 3) = \log_9(4)$$

A $x = -1$ B $x = 3$ C $x = 8$

6 Use the power rule to simplify this and solve for 'y'

$$2 \log_3(y - 1) = \log_3(1)$$

A $y = -6$ B $y = 9$ C $y = 2$

7 Use the power rule to simplify this and solve for 't'

$$2 \log_7(t - 6) = \log_7(4)$$

A $t = 8$ B $t = 16$ C $t = 6$

8 Use the power rule to simplify this and solve for 'n'

$$2 \log_8(n - 1) = \log_8(1)$$

A $n = -2$ B $n = 7$ C $n = 2$