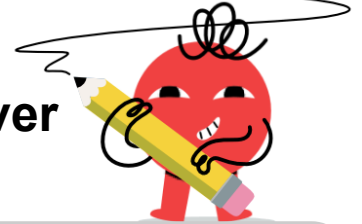




Algebra with Logarithms - Binomial over Monomial and Constant



1

Simplify and solve for t

$$\log_2 \left(\frac{7t + 18}{2t} \right) = 3$$

A	B	C	D
$t = 3$	$t = 4$	$t = 2$	$t = 1$

2

Simplify and solve for r

$$\log_3 \left(\frac{9r + 36}{3r} \right) = 2$$

A	B	C	D
$r = 1$	$r = 4$	$r = 2$	$r = 3$

3

Simplify and solve for n

$$\log_2 \left(\frac{5n + 54}{2n} \right) = 4$$

A	B	C	D
$n = 1$	$n = 4$	$n = 2$	$n = 3$