Name

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
$n=1$	$n=4$	$n=2$	$n=3$