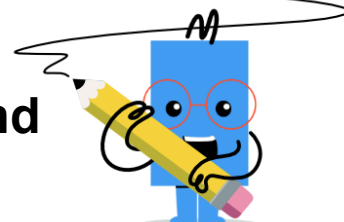




## Algebra with Logarithms - Binomial and Constant



1

Simplify and solve for y

$$\log_4 (y - 8) = 3$$

A

B

$$y = 72 \quad y = 56$$

2

Simplify and solve for n

$$\log_7 (n - 8) = 2$$

A

B

$$n = 46 \quad n = 57$$

3

Simplify and solve for y

$$\log_4 (y + 9) = 3$$

A

B

$$y = 55 \quad y = 56$$

4

Simplify and solve for t

$$\log_6 (t + 4) = 2$$

A

B

$$t = 40 \quad t = 32$$

5

Simplify and solve for y

$$\log_5 (y - 7) = 2$$

A

B

$$y = 18 \quad y = 32$$

6

Simplify and solve for r

$$\log_5 (r - 3) = 2$$

A

B

$$r = 22 \quad r = 28$$

7

Simplify and solve for q

$$\log_5 (q + 4) = 2$$

A

B

$$q = 21 \quad q = 29$$

8

Simplify and solve for w

$$\log_9 (w + 7) = 2$$

A

B

$$w = 75 \quad w = 74$$