Algebra with Exponents - Binomial and Constant
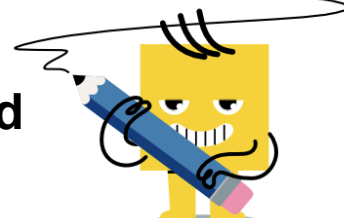
1

Simplify and solve for q

$$6^{(q+7)} = 36$$

A	B
$q = -1$	$q = -5$

2

Simplify and solve for m

$$6^{(m+4)} = 216$$

A	B
$m = -1$	$m = 0$

3

Simplify and solve for r

$$5^{(r+7)} = 25$$

A	B
$r = -5$	$r = 9$

4

Simplify and solve for y

$$2^{(y+8)} = 32$$

A	B
$y = -3$	$y = 2$

5

Simplify and solve for y

$$4^{(y-8)} = 64$$

A	B
$y = 11$	$y = -5$

6

Simplify and solve for x

$$3^{(x-8)} = 81$$

A	B
$x = 12$	$x = -4$

7

Simplify and solve for m

$$6^{(m-8)} = 36$$

A	B
$m = -6$	$m = 10$

8

Simplify and solve for t

$$4^{(t-7)} = 16$$

A	B
$t = -1$	$t = 9$