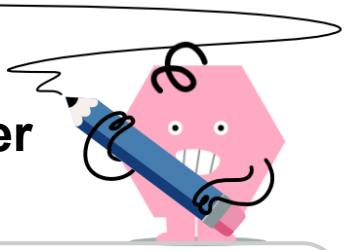
Name

Algebra with Exponents - Binomial over Monomial and Constant



1

Simplify and solve for n

$6^{\left(\frac{n+12}{n}\right)} = 216$

A	B
$n = 7$	$n = 6$

2

Simplify and solve for r

$4^{\left(\frac{r+18}{r}\right)} = 16$

A	B
$r = 19$	$r = 18$

3

Simplify and solve for p

$5^{\left(\frac{p+12}{p}\right)} = 125$

A	B
$p = 5$	$p = 6$

4

Simplify and solve for x

$4^{\left(\frac{x+8}{x}\right)} = 64$

A	B
$x = 5$	$x = 4$

5

Simplify and solve for q

$7^{\left(\frac{q+45}{q}\right)} = 49$

A	B
$q = 44$	$q = 45$

6

Simplify and solve for p

$4^{\left(\frac{p+18}{p}\right)} = 64$

A	B
$p = 9$	$p = 10$

7

Simplify and solve for x

$4^{\left(\frac{x+72}{x}\right)} = 16$

A	B
$x = 72$	$x = 71$

8

Simplify and solve for m

$3^{\left(\frac{m+64}{m}\right)} = 9$

A	B
$m = 64$	$m = 66$