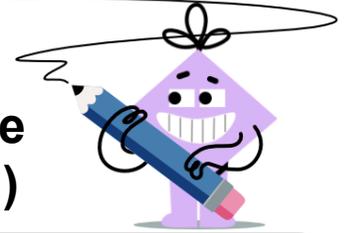




Exponents - Power Law - Algebra (Base of Constant is Power, Solve X Squared)

**1**

Solve for x

$$2^{(x^2)} = 16^{100}$$

A	B	C	D	E	F
$x = 26$	$x = 4$	$x = 6$	$x = 20$	$x = 8$	$x = 30$

2

Solve for x

$$2^{(x^2)} = 16^{64}$$

A	B	C	D	E	F
$x = 22$	$x = 14$	$x = 16$	$x = 18$	$x = 17$	$x = 13$

3

Solve for x

$$2^{(x^2)} = 16^{36}$$

A	B	C	D	E	F
$x = 12$	$x = 16$	$x = 20$	$x = 14$	$x = 7$	$x = 5$