



Math worksheet on 'Exponents - Power Law - Ten Base with Variable Power to Power of Ten Base with Unknown Power (Level 1)'. Part of a broader unit on 'Exponents - Power Law - Practice'

Learn online: app.mobius.academy/math/units/exponents_power_law_practice/

1 Solve for the missing exponent (?)

$$10^6 = 100^?$$

a	b	c	d	e	f
? = 6	? = 3	? = 5	? = 10	? = 11	? = 12

2 Solve for the missing exponent (?)

$$10^4 = 100^?$$

a	b	c	d	e	f
? = 7	? = 1	? = 2	? = 6	? = 4	? = 3

3 Solve for the missing exponent (?)

$$10^{12} = 10000^?$$

a	b	c	d	e	f
? = 5	? = 10	? = 1	? = 3	? = 7	? = 4

4 Solve for the missing exponent (?)

$$10^9 = 1000^?$$

a	b	c	d	e	f
? = 9	? = 4	? = 11	? = 3	? = 1	? = 8

5 Solve for the missing exponent (?)

$$10^6 = 1000^?$$

a	b	c	d	e	f
? = 11	? = 2	? = 6	? = 3	? = 5	? = 10

6 Solve for the missing exponent (?)

$$10^8 = 10000^?$$

a	b	c	d	e	f
? = 1	? = 11	? = 8	? = 3	? = 2	? = 5