



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

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1 Solve for the missing exponent (?)

$$100^2 = 10^?$$

a	b	c	d	e	f
? = 6	? = 4	? = 8	? = 12	? = 7	? = 3

2 Solve for the missing exponent (?)

$$100^3 = 10^?$$

a	b	c	d	e	f
? = 5	? = 4	? = 11	? = 6	? = 3	? = 1

3 Solve for the missing exponent (?)

$$1000^3 = 10^?$$

a	b	c	d	e	f
? = 9	? = 3	? = 4	? = 18	? = 11	? = 15

4 Solve for the missing exponent (?)

$$10000^3 = 10^?$$

a	b	c	d	e	f
? = 12	? = 4	? = 15	? = 7	? = 11	? = 3

5 Solve for the missing exponent (?)

$$10000^2 = 10^?$$

a	b	c	d	e	f
? = 1	? = 7	? = 8	? = 6	? = 10	? = 12

6 Solve for the missing exponent (?)

$$1000^2 = 10^?$$

a	b	c	d	e	f
? = 8	? = 10	? = 6	? = 13	? = 3	? = 12