



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 - Negative, Fractional, and Power Law'

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1 Solve for the missing exponent (?)

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

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

2 Solve for the missing exponent (?)

$$10^8 = 10000^?$$

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

3 Solve for the missing exponent (?)

$$10^6 = 1000^?$$

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

4 Solve for the missing exponent (?)

$$10^4 = 100^?$$

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

5 Solve for the missing exponent (?)

$$10^6 = 100^?$$

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

6 Solve for the missing exponent (?)

$$10^9 = 1000^?$$

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