



Math worksheet on 'Exponents - Power Law with Prime Base (Negatives, Exponent with Power to Fraction with Power) (Level 1)'. Part of a broader unit on 'Exponents - Multiplication and Division - Advanced'

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**2** Find the answer when these terms are multiplied

$$11^{-2} \cdot 11^{-2}$$

<b>a</b> $\frac{1}{11^3}$	<b>b</b> $11^0$	<b>c</b> $\frac{1}{11^{400}}$	<b>d</b> $\frac{1}{11^4}$
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**4** Find the answer when these terms are multiplied

$$11^{-1} \cdot 11^{-1} \cdot 11^{-1} \cdot 11^{-1}$$

<b>a</b> $\frac{1}{11^{400}}$	<b>b</b> $11^3$	<b>c</b> $\frac{1}{11^3}$	<b>d</b> $\frac{1}{11^4}$
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**6** Find the answer when these terms are multiplied

$$2^{-1} \cdot 2^{-1}$$

<b>a</b> 1	<b>b</b> $\frac{1}{2}$	<b>c</b> 2	
<b>d</b> $\frac{1}{2^2}$	<b>e</b> $\frac{1}{2^{20}}$		

**1** Find the answer when these terms are multiplied

$$2^{-1} \cdot 2^{-1} \cdot 2^{-1} \cdot 2^{-1}$$

<b>a</b> $\frac{1}{2^3}$	<b>b</b> $2^3$	<b>c</b> $\frac{1}{2^4}$
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**3** Find the answer when these terms are multiplied

$$7^{-1} \cdot 7^{-1}$$

<b>a</b> $\frac{1}{7}$	<b>b</b> $\frac{1}{7^2}$	<b>c</b> $\frac{1}{7^{200}}$
<b>d</b> 1		

**5** Find the answer when these terms are multiplied

$$11^{-2} \cdot 11^{-2} \cdot 11^{-2}$$

<b>a</b> $\frac{1}{11^7}$	<b>b</b> $\frac{1}{11^6}$	<b>c</b> $\frac{1}{11^5}$	<b>d</b> $\frac{1}{11^{600}}$	<b>e</b> 1
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**7** Find the answer when these terms are multiplied

$$2^{-2} \cdot 2^{-2}$$

<b>a</b> 1	<b>b</b> $2^0$	<b>c</b> $\frac{1}{2^4}$
<b>d</b> $\frac{1}{2^3}$		