



Math worksheet on 'Exponents - Multiplication - Negative by Negative to Negative (Level 2)'. Part of a broader unit on 'Exponents - Multiplication - Intro'

Learn online: [app.mobius.academy/math/units/exponents\\_multiplication\\_intro/](http://app.mobius.academy/math/units/exponents_multiplication_intro/)

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

$$(p^{-7}) \cdot (p^{-4})$$

<b>a</b> $p^{-29}$	<b>b</b> $p^{-17}$	<b>c</b> $p^{-23}$	<b>d</b> $p^{-11}$	<b>e</b> $p^{-14}$	<b>f</b> $p^{-5}$
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**4** Find the answer when these terms are multiplied

$$(b^{-7}) \cdot (b^{-4})$$

<b>a</b> $b^{-23}$	<b>b</b> $b^{-2}$	<b>c</b> $b^{-20}$	<b>d</b> $b^{-8}$	<b>e</b> $b^{-11}$	<b>f</b> $b^{-17}$
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**6** Find the answer when these terms are multiplied

$$(r^{-4}) \cdot (r^{-6})$$

<b>a</b> $r^{-16}$	<b>b</b> $r^{-1}$	<b>c</b> $r^{-22}$	<b>d</b> $r^{-4}$	<b>e</b> $r^{-7}$	<b>f</b> $r^{-10}$
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**1** Find the answer when these terms are multiplied

$$(r^{-6}) \cdot (r^{-3})$$

<b>a</b> $r^9$	<b>b</b> $r^{-2}$	<b>c</b> $r^4$	<b>d</b> $r^{-7}$	<b>e</b> $r^{-9}$	<b>f</b> $r^{-4}$
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**3** Find the answer when these terms are multiplied

$$(x^{-6}) \cdot (x^{-7})$$

<b>a</b> $x^3$	<b>b</b> $x^{-29}$	<b>c</b> $x^{-5}$	<b>d</b> $x^{-13}$	<b>e</b> $x^{-1}$	<b>f</b> $x^{-37}$
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**5** Find the answer when these terms are multiplied

$$(z^{-4}) \cdot (z^{-6})$$

<b>a</b> $z^{-1}$	<b>b</b> $z^{-28}$	<b>c</b> $z^{-4}$	<b>d</b> $z^{-10}$	<b>e</b> $z^{-16}$	<b>f</b> $z^{-13}$
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**7** Find the answer when these terms are multiplied

$$(x^{-4}) \cdot (x^{-6})$$

<b>a</b> $x^{-16}$	<b>b</b> $x^{-1}$	<b>c</b> $x^{-19}$	<b>d</b> $x^{-25}$	<b>e</b> $x^{-13}$	<b>f</b> $x^{-10}$
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