



Math worksheet on 'Exponents - Expanded Form (Level 2)'. Part of a broader unit on 'Exponents - Intro'

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

**1** Find the expanded form of this number raised to its exponent

$2^4$

<b>a</b>	$4 \times 4$
<b>b</b>	$2 \times 2 \times 2$
<b>c</b>	$2 \times 2 \times 2 \times 2$
<b>d</b>	$2 \times 2 \times 2 \times 2 \times 2 \times 2$
<b>e</b>	$2 \times 2 \times 2 \times 2 \times 2$
<b>f</b>	$2 \times 2$

**2** Find the expanded form of this number raised to its exponent

$2^2$

<b>a</b>	$1$	<b>b</b>	$2 \times 2 \times 2$
<b>c</b>	$2 \times 2$	<b>d</b>	$2 \times 2 \times 2 \times 2$
<b>e</b>	$2$		

**3** Find the expanded form of this number raised to its exponent

$6^4$

<b>a</b>	$4 \times 4 \times 4 \times 4 \times 4 \times 4$
<b>b</b>	$6 \times 6 \times 6$
<b>c</b>	$6 \times 6$
<b>d</b>	$6 \times 6 \times 6 \times 6$
<b>e</b>	$6 \times 6 \times 6 \times 6 \times 6 \times 6$
<b>f</b>	$6 \times 6 \times 6 \times 6 \times 6$

**4** Find the expanded form of this number raised to its exponent

$4^4$

<b>a</b>	$4 \times 4$
<b>b</b>	$4 \times 4 \times 4 \times 4 \times 4 \times 4$
<b>c</b>	$4 \times 4 \times 4$
<b>d</b>	$4 \times 4 \times 4 \times 4 \times 4$
<b>e</b>	$4 \times 4 \times 4 \times 4$

**5** Find the expanded form of this number raised to its exponent

$8^3$

<b>a</b>	$8 \times 8 \times 8$
<b>b</b>	$8$
<b>c</b>	$8 \times 8$
<b>d</b>	$8 \times 8 \times 8 \times 8 \times 8$
<b>e</b>	$3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3$
<b>f</b>	$8 \times 8 \times 8 \times 8$

**6** Find the expanded form of this number raised to its exponent

$10^4$

<b>a</b>	$10 \times 10 \times 10 \times 10 \times 10 \times 10$
<b>b</b>	$4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4$
<b>c</b>	$10 \times 10 \times 10 \times 10$
<b>d</b>	$10 \times 10 \times 10$
<b>e</b>	$10 \times 10 \times 10 \times 10 \times 10$
<b>f</b>	$10 \times 10$

**7** Find the expanded form of this number raised to its exponent

$8^5$

<b>a</b>	$8 \times 8 \times 8 \times 8 \times 8$
<b>b</b>	$8 \times 8 \times 8$
<b>c</b>	$8 \times 8 \times 8 \times 8 \times 8 \times 8$
<b>d</b>	$8 \times 8 \times 8 \times 8$
<b>e</b>	$5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5$
<b>f</b>	$8 \times 8 \times 8 \times 8 \times 8 \times 8$