



Math worksheet on 'Exponents - Expanded Form (Level 1)'. 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

$2^3$

<b>a</b>	$2 \times 2$	<b>b</b>	$2 \times 2 \times 2 \times 2$
<b>c</b>	$2 \times 2 \times 2 \times 2 \times 2$	<b>d</b>	2
<b>e</b>	$3 \times 3$	<b>f</b>	$2 \times 2 \times 2$

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

$7^2$

<b>a</b>	$7 \times 7 \times 7$
<b>b</b>	7
<b>c</b>	1
<b>d</b>	$2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$
<b>e</b>	$7 \times 7 \times 7 \times 7$
<b>f</b>	$7 \times 7$

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

$2^2$

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

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

$10^2$

<b>a</b>	$10 \times 10$
<b>b</b>	$2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$
<b>c</b>	1
<b>d</b>	$10 \times 10 \times 10 \times 10$
<b>e</b>	$10 \times 10 \times 10$
<b>f</b>	10

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

$5^3$

<b>a</b>	$5 \times 5 \times 5 \times 5$	<b>b</b>	$5 \times 5 \times 5 \times 5 \times 5$
<b>c</b>	$3 \times 3 \times 3 \times 3 \times 3$	<b>d</b>	$5 \times 5$
<b>e</b>	$5 \times 5 \times 5$	<b>f</b>	5

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

$9^2$

<b>a</b>	$9 \times 9 \times 9 \times 9$
<b>b</b>	9
<b>c</b>	1
<b>d</b>	$9 \times 9$
<b>e</b>	$2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$
<b>f</b>	$9 \times 9 \times 9$

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

$8^2$

<b>a</b>	1
<b>b</b>	$8 \times 8 \times 8$
<b>c</b>	$8 \times 8 \times 8 \times 8$
<b>d</b>	$8 \times 8$
<b>e</b>	8
<b>f</b>	$2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$