Mobius Math Academy

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Math worksheet on *'Powers of Ten - Expanded Form (Level 1)'*. Part of a broader unit on *'Scientific Notation - Intro'*

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

$$10^4$$

a	$10 \times 10 \times 10 \times 10$
b	$10 \times 10 \times 10 \times 10 \times 10$
c	10×10
d	$4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4$
e	$10 \times 10 \times 10$
f	$10 \times 10 \times 10 \times 10 \times 10 \times 10$

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

$$10^3$$

a	10×10
b	10
c	$10 \times 10 \times 10$
d	$10 \times 10 \times 10 \times 10 \times 10$
e	$3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3$
f	$10 \times 10 \times 10 \times 10$

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

$$10^1$$

a	10×10
b	$10 \times 10 \times 10$
c	1
d	$1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1$
e	10
f	$\frac{1}{10}$

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

$$10^2$$

a	10×10
b	$10 \times 10 \times 10$
c	$10 \times 10 \times 10 \times 10$
d	1
e	10
f	$2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$