



Math worksheet on 'Powers of Ten - Expanded Form (Level 2)'. 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

$$10^2$$

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

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

$$10^3$$

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

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

$$10^5$$

- a $10 \times 10 \times 10$
- b $5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5$
- c $10 \times 10 \times 10 \times 10 \times 10 \times 10$
- d $10 \times 10 \times 10 \times 10 \times 10$
- e $10 \times 10 \times 10 \times 10$
- f $10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$

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

$$10^6$$

- a $10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$
- b $6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6$
- c $10 \times 10 \times 10 \times 10$
- d $10 \times 10 \times 10 \times 10 \times 10 \times 10$
- e $10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$
- f $10 \times 10 \times 10 \times 10 \times 10$

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

$$10^7$$

- a $7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7$
- b $10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$
- c $10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$
- d $10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$
- e $10 \times 10 \times 10 \times 10 \times 10$
- f $10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$

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

$$10^1$$

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

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

$$10^4$$

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