Powers of Ten - Expanded Form

Name

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

$$10^4$$

A	10×10
B	$10 \times 10 \times 10 \times 10$
C	$10 \times 10 \times 10 \times 10 \times 10$
D	$4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4$
E	$10 \times 10 \times 10 \times 10 \times 10 \times 10$
F	$10 \times 10 \times 10$

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

$$10^7$$

A	$10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$
B	$10 \times 10 \times 10 \times 10 \times 10$
C	$10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$
D	$10 \times 10 \times 10 \times 10 \times 10 \times 10$
E	$7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7$
F	$10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$

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

$$10^1$$

A	$10 \times 10 \times 10$
B	10×10
C	10
D	$\frac{1}{10}$
E	$1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1$
F	1

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

$$10^2$$

A	$10 \times 10 \times 10$
B	$2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$
C	10
D	10×10
E	$10 \times 10 \times 10 \times 10$
F	1

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

$$10^3$$

A	10
B	10×10
C	$3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3$
D	$10 \times 10 \times 10 \times 10$
E	$10 \times 10 \times 10 \times 10 \times 10$
F	$10 \times 10 \times 10$

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

$$10^0$$

A	$\frac{1}{10 \times 10}$
B	$\frac{1}{10}$
C	1
D	10×10
E	10
F	$0 \times 0 \times 0 \times 0 \times 0 \times 0 \times 0 \times 0 \times 0 \times 0$

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

$$10^6$$

A	$10 \times 10 \times 10 \times 10 \times 10$
B	$10 \times 10 \times 10 \times 10$
C	$10 \times 10 \times 10 \times 10 \times 10 \times 10$
D	$6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6$
E	$10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$
F	$10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$

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

$$10^5$$

A	$10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$
B	$5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5$
C	$10 \times 10 \times 10 \times 10$
D	$10 \times 10 \times 10$
E	$10 \times 10 \times 10 \times 10 \times 10 \times 10$
F	$10 \times 10 \times 10 \times 10 \times 10$