



Name _____ Class _____ Date _____

1 What does 4^0 equal?

- A 4
 - B 1
 - C 0
 - D -4
- $4^0 = \square$

2 What does -2^3 equal?

- A -8
 - B -6
 - C 6
 - D 8
- $-2^3 = \square$

3 What does $(-3)^3$ equal?

- A 27
 - B 9
 - C -9
 - D -27
- $(-3)(-3)(-3) = \square$

4 What is 0.00000723 in scientific notation?

- A 72.3×10^{-8}
- B 7.23×10^{-6}
- C 7.23×10^6
- D 72.3×10^7

5

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PREVIEW

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7

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B 20

D $\frac{1}{20}$

B $\frac{1}{216}$

D 729

9

What is the fraction, $\frac{1}{1,000}$, written with a negative exponent?

- A 10^{-1}
 - B 10^{-2}
 - C 10^{-3}
 - D 10^{-4}
- $\frac{1}{(10 \times 10 \times 10)}$

10

What is the fraction, $\frac{1}{8}$, written with a negative exponent?

- A 8^1
- B 4^{-4}
- C 4^{-2}
- D 2^{-3}



ANSWER KEY

What does 4^0 equal?

- A 4
- B 1
- C 0
- D -4

$4^0 = \square$

(b)

What does -2^3 equal?

- A -8
- B -6
- C 6
- D 8

$-2^3 = \square$

(a)

What does $(-3)^3$ equal?

- A 27
- B 9
- C -9
- D -27

$(-3)(-3)(-3) = \square$

(d)

What is **0.00000723** in scientific notation?

- A 72.3×10^{-8}
- B 7.23×10^{-6}
- C 7.23×10^6
- D 72.3×10^7

(b)

V
A
B
C
D



PREVIEW

V
A
B
E

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What is the fraction, $\frac{1}{1,000}$, written with a **negative exponent**?

- A 10^{-1}
- B 10^{-2}
- C 10^{-3}
- D 10^{-4}

$\frac{1}{(10 \times 10 \times 10)}$

(c)

What is the fraction, $\frac{1}{8}$, written with a **negative exponent**?

- A 8^{-1}
- B 4^{-4}
- C 4^{-2}
- D 2^{-3}

(d)