



Interpret negative integer exponents

- 1** Find the answer when this fraction is raised to its exponent

$$\left(\frac{1}{2}\right)^{-1}$$

A $\frac{4}{-2}$	B 2	C -1
D $\frac{1}{4}$	E $-\frac{1}{2}$	F 4

- 2** What is another way of representing this number raised to a negative exponent?

$$(-8)^{-4}$$

A $\frac{1}{8^4}$	B $\frac{-1}{8^4}$	C $\frac{8}{4^8}$
D $\frac{1}{4^8}$	E $\frac{-1}{4^8}$	F $\frac{8}{4^{-1}}$

- 3** Find the answer when this number is raised to its exponent

$$11^{-2}$$

A 14641	B $\frac{1}{121}$
C 118	D 11
E 1331	F $\frac{1}{13}$

- 4** What is another way of representing this number raised to a negative exponent?

$$10^{-5}$$

A $\frac{10}{5^{-1}}$	B $\frac{-1}{5^{10}}$	C $\frac{10}{5^{10}}$
D $\frac{1}{10^5}$	E $\frac{-1}{10^5}$	F $\frac{1}{5^{10}}$

- 5** Find the answer when this number is raised to its exponent

$$(-2)^{-3}$$

A $\frac{-1}{8}$	B $\frac{1}{32}$	C $\frac{-1}{2}$
D $\frac{1}{6}$	E $\frac{1}{5}$	F $\frac{1}{16}$

- 6** What is another way of representing this number raised to a negative exponent?

$$(-3)^{-5}$$

A $\frac{1}{3^5}$	B $\frac{3}{5^{-1}}$	C $\frac{-1}{3^5}$
D $\frac{3}{5^3}$	E $\frac{-1}{5^3}$	F $\frac{1}{5^3}$

- 7** Find the answer when this number is raised to its exponent

$$4^{-2}$$

A $\frac{1}{16}$	B 16	C $\frac{1}{13}$
D 13	E $\frac{1}{64}$	F $\frac{1}{256}$



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What is another way of representing this number raised to a negative exponent?

$$7^{-6}$$

A $\frac{1}{6^7}$	B $\frac{7}{6^{-1}}$	C $\frac{7}{6^7}$
D $\frac{1}{7^6}$	E $\frac{-1}{6^7}$	F $\frac{-1}{7^6}$

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Find the answer when this number is raised to its exponent

$$(-8)^{-2}$$

A $\frac{1}{512}$	B $\frac{1}{64}$
C $\frac{-1}{10}$	D 512
E $\frac{1}{67}$	F 64

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What is another way of representing this number raised to a negative exponent?

$$(-8)^{-3}$$

A $\frac{8}{3^{-1}}$	B $\frac{1}{8^3}$	C $\frac{1}{3^8}$
D $\frac{8}{3^8}$	E $\frac{-1}{3^8}$	F $\frac{-1}{8^3}$

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Find the answer when this number is raised to its exponent

$$6^{-2}$$

A $\frac{1}{216}$	B $\frac{1}{8}$
C $\frac{1}{6}$	D 39
E $\frac{1}{36}$	F 1296

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What is another way of representing this number raised to a negative exponent?

$$7^{-5}$$

A $\frac{1}{7^5}$	B $\frac{-1}{5^7}$	C $\frac{-1}{7^5}$
D $\frac{7}{5^{-1}}$	E $\frac{7}{5^7}$	F $\frac{1}{5^7}$