



## Negative and zero exponents

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### Grade 6 Exponents Worksheet

Solve the following exponents.

1.  $2^{-2} =$  \_\_\_\_\_

2.  $2^0 =$  \_\_\_\_\_

3.  $7^{-7} =$  \_\_\_\_\_

4.  $10^{-3} =$  \_\_\_\_\_

5.  $4^{-9} =$  \_\_\_\_\_

6.  $10^{-8} =$  \_\_\_\_\_

7.  $0^{-7} =$  \_\_\_\_\_

8.  $7^{-1} =$  \_\_\_\_\_

9.  $3^{-1} =$  \_\_\_\_\_

10.  $7^{-4} =$  \_\_\_\_\_

11.  $3^{-8} =$  \_\_\_\_\_

12.  $8^{-1} =$  \_\_\_\_\_



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### Grade 6 Exponents Worksheet

Solve the following exponents.

1.  $2^{-2} = \frac{1}{4}$

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2.  $2^0 = 1$

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3.  $7^{-7} = \frac{1}{823543}$

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4.  $10^{-3} = \frac{1}{1000}$

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5.  $4^{-9} = \frac{1}{262144}$

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6.  $10^{-8} = \frac{1}{100000000}$

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7.  $0^{-7} = \frac{1}{\#}$

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8.  $7^{-1} = \frac{1}{7}$

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9.  $3^{-1} = \frac{1}{3}$

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10.  $7^{-4} = \frac{1}{2401}$

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11.  $3^{-8} = \frac{1}{6561}$

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12.  $8^{-1} = \frac{1}{8}$

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