



## Negative and zero exponents

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### Grade 6 Exponents Worksheet

Solve the following exponents.

1.  $4^{-6} =$  \_\_\_\_\_

2.  $0^{-4} =$  \_\_\_\_\_

3.  $8^0 =$  \_\_\_\_\_

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

5.  $7^{-1} =$  \_\_\_\_\_

6.  $0^{-2} =$  \_\_\_\_\_

7.  $6^{-4} =$  \_\_\_\_\_

8.  $0^{-7} =$  \_\_\_\_\_

9.  $6^{-1} =$  \_\_\_\_\_

10.  $3^{-7} =$  \_\_\_\_\_

11.  $1^{-2} =$  \_\_\_\_\_

12.  $3^0 =$  \_\_\_\_\_



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### Grade 6 Exponents Worksheet

Solve the following exponents.

1.  $4^{-6} = \frac{1}{4096}$

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2.  $0^{-4} = \frac{1}{\#}$

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3.  $8^0 = 1$

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4.  $7^{-7} = \frac{1}{823543}$

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5.  $7^{-1} = \frac{1}{7}$

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6.  $0^{-2} = \frac{1}{\#}$

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7.  $6^{-4} = \frac{1}{1296}$

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8.  $0^{-7} = \frac{1}{\#}$

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9.  $6^{-1} = \frac{1}{6}$

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10.  $3^{-7} = \frac{1}{2187}$

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11.  $1^{-2} = 1$

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12.  $3^0 = 1$

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