

Evaluate the Exponents

Name: _____

Date: _____

Solve the following expressions.

1) $5^{-3} =$ _____

2) $2^{-9} =$ _____

3) $8^0 =$ _____

4) $6^{-3} =$ _____

5) $3^{-4} =$ _____

6) $14^{-2} =$ _____

7) $2^{-7} =$ _____

8) $2^{-8} =$ _____

9) $10^{-2} =$ _____

10) $4^{-5} =$ _____

11) $13^0 =$ _____

12) $1^{-7} =$ _____

13) $11^{-2} =$ _____

14) $10^{-3} =$ _____

15) $6^{-4} =$ _____

16) $3^{-6} =$ _____

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Solve the following expressions.

$$1) \quad 5^{-3} = \frac{\left(\frac{1}{125}\right)}{\underline{\hspace{2cm}}}$$

$$2) \quad 2^{-9} = \frac{\left(\frac{1}{512}\right)}{\underline{\hspace{2cm}}}$$

$$3) \quad 8^0 = \frac{1}{\underline{\hspace{2cm}}}$$

$$4) \quad 6^{-3} = \frac{\left(\frac{1}{216}\right)}{\underline{\hspace{2cm}}}$$

$$5) \quad 3^{-4} = \frac{\left(\frac{1}{81}\right)}{\underline{\hspace{2cm}}}$$

$$6) \quad 14^{-2} = \frac{\left(\frac{1}{196}\right)}{\underline{\hspace{2cm}}}$$

$$7) \quad 2^{-7} = \frac{\left(\frac{1}{128}\right)}{\underline{\hspace{2cm}}}$$

$$8) \quad 2^{-8} = \frac{\left(\frac{1}{256}\right)}{\underline{\hspace{2cm}}}$$

$$9) \quad 10^{-2} = \frac{\left(\frac{1}{100}\right)}{\underline{\hspace{2cm}}}$$

$$10) \quad 4^{-5} = \frac{\left(\frac{1}{1024}\right)}{\underline{\hspace{2cm}}}$$

$$11) \quad 13^0 = \frac{1}{\underline{\hspace{2cm}}}$$

$$12) \quad 1^{-7} = \frac{1}{\underline{\hspace{2cm}}}$$

$$13) \quad 11^{-2} = \frac{\left(\frac{1}{121}\right)}{\underline{\hspace{2cm}}}$$

$$14) \quad 10^{-3} = \frac{\left(\frac{1}{1000}\right)}{\underline{\hspace{2cm}}}$$

$$15) \quad 6^{-4} = \frac{\left(\frac{1}{1296}\right)}{\underline{\hspace{2cm}}}$$

$$16) \quad 3^{-6} = \frac{\left(\frac{1}{729}\right)}{\underline{\hspace{2cm}}}$$