

Evaluate the Exponents

Name: _____

Date: _____

Solve the following expressions.

1) $0.89^0 =$ _____

2) $5^{-4} =$ _____

3) $18^{-2} =$ _____

4) $\left(\frac{8}{1}\right)^{-2} =$ _____

5) $999^{-1} =$ _____

6) $0.001^{-2} =$ _____

7) $0.03^{-2} =$ _____

8) $0.6^{-3} =$ _____

9) $\left(\frac{2}{7}\right)^{-3} =$ _____

10) $\left(\frac{4}{3}\right)^{-4} =$ _____

11) $16^{-3} =$ _____

12) $10^{-3} =$ _____

13) $0.46^{-4} =$ _____

14) $0.09^{-2} =$ _____

15) $11^{-2} =$ _____

16) $\left(\frac{8}{2}\right)^{-2} =$ _____

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Solve the following expressions.

$$1) \quad 0.89^0 = \underline{1} \qquad 2) \quad 5^{-4} = \underline{\left(\frac{1}{625}\right)}$$

$$3) \quad 18^{-2} = \underline{\left(\frac{1}{324}\right)} \qquad 4) \quad \left(\frac{8}{1}\right)^{-2} = \underline{\left(\frac{1}{64}\right)}$$

$$5) \quad 999^{-1} = \underline{\left(\frac{1}{999}\right)} \qquad 6) \quad 0.001^{-2} = \underline{1000000}$$

$$7) \quad 0.03^{-2} = \underline{1111.11} \qquad 8) \quad 0.6^{-3} = \underline{4.6296}$$

$$9) \quad \left(\frac{2}{7}\right)^{-3} = \underline{\left(\frac{343}{8}\right)} \qquad 10) \quad \left(\frac{4}{3}\right)^{-4} = \underline{\left(\frac{81}{256}\right)}$$

$$11) \quad 16^{-3} = \underline{\left(\frac{1}{4096}\right)} \qquad 12) \quad 10^{-3} = \underline{0.001}$$

$$13) \quad 0.46^{-4} = \underline{22.3341} \qquad 14) \quad 0.09^{-2} = \underline{123.456}$$

$$15) \quad 11^{-2} = \underline{\left(\frac{1}{121}\right)} \qquad 16) \quad \left(\frac{8}{2}\right)^{-2} = \underline{\left(\frac{1}{16}\right)}$$