

Evaluate the Exponents

Name: _____

Date: _____

Solve the following expressions.

1) $0.44^{-2} =$ _____

2) $9^{-3} =$ _____

3) $\left(\frac{10}{14}\right)^{-2} =$ _____

4) $234^{-1} =$ _____

5) $0.046^{-2} =$ _____

6) $\left(\frac{7}{13}\right)^{-2} =$ _____

7) $15^{-2} =$ _____

8) $0.38^{-2} =$ _____

9) $13^{-3} =$ _____

10) $0.99^{-1} =$ _____

11) $0.04^{-3} =$ _____

12) $0.6^{-5} =$ _____

13) $0.7^{-4} =$ _____

14) $\left(\frac{11}{8}\right)^{-2} =$ _____

15) $\left(\frac{7}{12}\right)^{-2} =$ _____

16) $30^{-2} =$ _____

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Solve the following expressions.

1) $0.44^{-2} = \underline{5.165}$

2) $9^{-3} = \underline{\left(\frac{1}{729}\right)}$

3) $\left(\frac{10}{14}\right)^{-2} = \underline{\left(\frac{49}{25}\right)}$

4) $234^{-1} = \underline{\left(\frac{1}{234}\right)}$

5) $0.046^{-2} = \underline{472.58}$

6) $\left(\frac{7}{13}\right)^{-2} = \underline{\left(\frac{169}{49}\right)}$

7) $15^{-2} = \underline{\left(\frac{1}{225}\right)}$

8) $0.38^{-2} = \underline{6.9252}$

9) $13^{-3} = \underline{\left(\frac{1}{2197}\right)}$

10) $0.99^{-1} = \underline{1.0101}$

11) $0.04^{-3} = \underline{15625}$

12) $0.6^{-5} = \underline{12.8600}$

13) $0.7^{-4} = \underline{4.164}$

14) $\left(\frac{11}{8}\right)^{-2} = \underline{\left(\frac{64}{121}\right)}$

15) $\left(\frac{7}{12}\right)^{-2} = \underline{\left(\frac{144}{49}\right)}$

16) $30^{-2} = \underline{\left(\frac{1}{900}\right)}$