

Evaluate the Exponents

Name: _____

Date: _____

Solve the following expressions.

1) $9^{-4} =$ _____

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

3) $7^{-3} =$ _____

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

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

6) $12^{-2} =$ _____

7) $8^{-3} =$ _____

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

9) $5^{-3} =$ _____

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

11) $7^{-1} =$ _____

12) $1^{-2} =$ _____

13) $14^0 =$ _____

14) $10^{-2} =$ _____

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

16) $3^{-2} =$ _____

Evaluate the Exponents

Name: _____

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Solve the following expressions.

1) $9^{-4} = \underline{\left(\frac{1}{6561}\right)}$

2) $2^{-6} = \underline{\left(\frac{1}{64}\right)}$

3) $7^{-3} = \underline{\left(\frac{1}{343}\right)}$

4) $4^{-4} = \underline{\left(\frac{1}{256}\right)}$

5) $5^{-5} = \underline{\left(\frac{1}{3125}\right)}$

6) $12^{-2} = \underline{\left(\frac{1}{144}\right)}$

7) $8^{-3} = \underline{\left(\frac{1}{512}\right)}$

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

9) $5^{-3} = \underline{\left(\frac{1}{125}\right)}$

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

11) $7^{-1} = \underline{\left(\frac{1}{7}\right)}$

12) $1^{-2} = \underline{1}$

13) $14^0 = \underline{1}$

14) $10^{-2} = \underline{\left(\frac{1}{100}\right)}$

15) $2^{-11} = \underline{\left(\frac{1}{2048}\right)}$

16) $3^{-2} = \underline{\left(\frac{1}{9}\right)}$