

Evaluate the Exponents

Name: _____

Date: _____

Solve the following expressions.

1) $2^0 = \underline{\quad 1 \quad}$

2) $2^{-5} = \underline{\hspace{2cm}}$

3) $8^{-2} = \underline{\hspace{2cm}}$

4) $4^{-5} = \underline{\hspace{2cm}}$

5) $4^{-1} = \underline{\hspace{2cm}}$

6) $12^{-2} = \underline{\hspace{2cm}}$

7) $2^{-4} = \underline{\hspace{2cm}}$

8) $2^{-6} = \underline{\hspace{2cm}}$

9) $5^{-3} = \underline{\hspace{2cm}}$

10) $3^{-5} = \underline{\hspace{2cm}}$

11) $7^{-2} = \underline{\hspace{2cm}}$

12) $4^{-4} = \underline{\hspace{2cm}}$

13) $5^0 = \underline{\hspace{2cm}}$

14) $10^{-2} = \underline{\hspace{2cm}}$

15) $6^{-3} = \underline{\hspace{2cm}}$

16) $3^{-2} = \underline{\hspace{2cm}}$

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Solve the following expressions.

$$1) \quad 2^0 = \underline{\quad 1 \quad}$$

$$2) \quad 2^{-5} = \underline{\quad \left(\frac{1}{32}\right) \quad}$$

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

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

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

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

$$7) \quad 2^{-4} = \underline{\quad \left(\frac{1}{16}\right) \quad}$$

$$8) \quad 2^{-6} = \underline{\quad \left(\frac{1}{64}\right) \quad}$$

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

$$10) \quad 3^{-5} = \underline{\quad \left(\frac{1}{243}\right) \quad}$$

$$11) \quad 7^{-2} = \underline{\quad \left(\frac{1}{49}\right) \quad}$$

$$12) \quad 4^{-4} = \underline{\quad \left(\frac{1}{256}\right) \quad}$$

$$13) \quad 5^0 = \underline{\quad 1 \quad}$$

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

$$15) \quad 6^{-3} = \underline{\quad \left(\frac{1}{216}\right) \quad}$$

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