

Evaluate the Exponents

Name: _____

Date: _____

Solve the following expressions.

1) $4^5 \div 0.5^2 = \underline{\quad 4096 \quad}$

2) $4^3 + 0.5^3 = \underline{\hspace{2cm}}$

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

4) $\left(\frac{2}{5}\right)^2 - 0.2^2 = \underline{\hspace{2cm}}$

5) $1^{10} + \left(\frac{2}{5}\right)^2 = \underline{\hspace{2cm}}$

6) $0.4^2 \times \left(\frac{2}{10}\right)^2 = \underline{\hspace{2cm}}$

7) $4^5 \div \left(\frac{2}{5}\right)^2 = \underline{\hspace{2cm}}$

8) $\left(\frac{2}{5}\right)^2 + \left(\frac{1}{2}\right)^3 = \underline{\hspace{2cm}}$

9) $0.34^0 \times 0^3 = \underline{\hspace{2cm}}$

10) $\left(\frac{1}{4}\right)^2 \times 2^2 = \underline{\hspace{2cm}}$

11) $0.2^0 - 5^3 = \underline{\hspace{2cm}}$

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

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Solve the following expressions.

$$1) \quad 4^5 \div 0.5^2 = \underline{4096}$$

$$2) \quad 4^3 + 0.5^3 = \underline{64.125}$$

$$3) \quad \left(\frac{2}{5}\right)^2 \times \left(\frac{1}{2}\right)^3 = \underline{0.02^5}$$

$$4) \quad \left(\frac{2}{5}\right)^2 - 0.2^2 = \underline{0.12}$$

$$5) \quad 1^{10} + \left(\frac{2}{5}\right)^2 = \underline{\frac{29}{25}}$$

$$6) \quad 0.4^2 \times \left(\frac{2}{10}\right)^2 = \underline{0.0064}$$

$$7) \quad 4^5 \div \left(\frac{2}{5}\right)^2 = \underline{6400}$$

$$8) \quad \left(\frac{2}{5}\right)^2 + \left(\frac{1}{2}\right)^3 = \underline{\left(\frac{57}{200}\right)}$$

$$9) \quad 0.34^0 \times 0^3 = \underline{0}$$

$$10) \quad \left(\frac{1}{4}\right)^2 \times 2^2 = \underline{\frac{1}{4}}$$

$$11) \quad 0.2^0 - 5^3 = \underline{-124}$$

$$12) \quad \left(\frac{2}{5}\right)^2 - \left(\frac{1}{2}\right)^3 = \underline{\frac{7}{200}}$$