

Evaluate the Exponents

Name: _____

Date: _____

Solve the following expressions.

1) $\left(\frac{2}{5}\right)^3 =$ _____

2) $\left(\frac{1}{7}\right)^4 =$ _____

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

4) $0.2^3 =$ _____

5) $11^2 =$ _____

6) $8^4 =$ _____

7) $0.4^2 =$ _____

8) $\left(\frac{5}{3}\right)^2 =$ _____

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

10) $0.29^2 =$ _____

11) $0.02^3 =$ _____

12) $0.01^3 =$ _____

13) $4^2 =$ _____

14) $0.1^4 =$ _____

15) $353^1 =$ _____

16) $9^3 =$ _____

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Solve the following expressions.

1) $\left(\frac{2}{5}\right)^3 = \underline{\left(\frac{8}{125}\right)}$

2) $\left(\frac{1}{7}\right)^4 = \underline{\left(\frac{1}{2401}\right)}$

3) $\left(\frac{4}{3}\right)^4 = \underline{\left(\frac{256}{81}\right)}$

4) $0.2^3 = \underline{0.008}$

5) $11^2 = \underline{121}$

6) $8^4 = \underline{4096}$

7) $0.4^2 = \underline{0.16}$

8) $\left(\frac{5}{3}\right)^2 = \underline{\left(\frac{25}{9}\right)}$

9) $\left(\frac{3}{7}\right)^3 = \underline{\left(\frac{27}{343}\right)}$

10) $0.29^2 = \underline{0.0841}$

11) $0.02^3 = \underline{0.000008}$

12) $0.01^3 = \underline{0.000001}$

13) $4^2 = \underline{16}$

14) $0.1^4 = \underline{0.0001}$

15) $353^1 = \underline{353}$

16) $9^3 = \underline{729}$