

Evaluate the Exponents

Name: _____

Date: _____

Solve the following expressions.

1) $0.5^5 =$ _____

2) $3^4 =$ _____

3) $7^5 =$ _____

4) $\left(\frac{6}{10}\right)^3 =$ _____

5) $829^1 =$ _____

6) $12^4 =$ _____

7) $0.08^2 =$ _____

8) $0.13^2 =$ _____

9) $\left(\frac{7}{3}\right)^5 =$ _____

10) $\left(\frac{8}{7}\right)^3 =$ _____

11) $14^2 =$ _____

12) $0.3^4 =$ _____

13) $0.6^3 =$ _____

14) $0.07^3 =$ _____

15) $\left(\frac{9}{5}\right)^3 =$ _____

16) $\left(\frac{1}{8}\right)^3 =$ _____

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Solve the following expressions.

1) $0.5^5 = \underline{0.03125}$

2) $3^4 = \underline{81}$

3) $7^5 = \underline{16807}$

4) $\left(\frac{6}{10}\right)^3 = \underline{\left(\frac{27}{125}\right)}$

5) $829^1 = \underline{829}$

6) $12^4 = \underline{20736}$

7) $0.08^2 = \underline{0.0064}$

8) $0.13^2 = \underline{0.0169}$

9) $\left(\frac{7}{3}\right)^5 = \underline{\left(\frac{16807}{243}\right)}$

10) $\left(\frac{8}{7}\right)^3 = \underline{\left(\frac{512}{343}\right)}$

11) $14^2 = \underline{196}$

12) $0.3^4 = \underline{0.0081}$

13) $0.6^3 = \underline{0.216}$

14) $0.07^3 = \underline{0.000343}$

15) $\left(\frac{9}{5}\right)^3 = \underline{\left(\frac{729}{125}\right)}$

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