Name _____

Solving Fractions With Exponents

Fill in the missing numerator or denominator.

1) $\left(\frac{2}{\quad}\right)^5 = \frac{32}{243}$

2) $\left(\frac{\quad}{7}\right)^2 = \frac{25}{49}$

3) $\left(\frac{3}{5}\right)^3 = \frac{\quad}{125}$

4) $\left(\frac{4}{\quad}\right)^2 = \frac{16}{81}$

5) $\left(\frac{2}{3}\right)^4 = \frac{\quad}{81}$

6) $\left(\frac{7}{9}\right)^2 = \frac{49}{\quad}$

7) $\left(\frac{4}{\quad}\right)^3 = \frac{64}{125}$

8) $\left(\frac{2}{7}\right)^4 = \frac{\quad}{2401}$

9) $\left(\frac{2}{9}\right)^2 = \frac{\quad}{81}$

10) $\left(\frac{3}{\quad}\right)^3 = \frac{27}{1331}$

11) $\left(\frac{2}{5}\right)^2 = \frac{4}{\quad}$

12) $\left(\frac{9}{\quad}\right)^3 = \frac{729}{1000}$

13) $\left(\frac{3}{7}\right)^3 = \frac{27}{\quad}$

14) $\left(\frac{2}{5}\right)^4 = \frac{\quad}{625}$

15) $\left(\frac{\quad}{8}\right)^3 = \frac{27}{512}$

16) $\left(\frac{\quad}{6}\right)^3 = \frac{125}{216}$

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