

Exponents

Name: _____

Date: _____

Evaluate the Exponents.

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

2) $\left(\frac{2}{9}\right)^{-3} =$ _____

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

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

5) $\left(\frac{9}{10}\right)^{-1} =$ _____

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

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

8) $\left(\frac{2}{4}\right)^{-5} =$ _____

9) $\left(\frac{6}{9}\right)^3 =$ _____

10) $\left(-\frac{1}{6}\right)^{-2} =$ _____

11) $\left(-\frac{7}{8}\right)^2 =$ _____

12) $\left(\frac{4}{5}\right)^3 =$ _____

13) $\left(-\frac{1}{3}\right)^6 =$ _____

14) $\left(\frac{3}{9}\right)^2 =$ _____

15) $\left(-\frac{2}{10}\right)^2 =$ _____

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

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

18) $\left(\frac{1}{10}\right)^3 =$ _____

Exponents

Name: _____

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Evaluate the Exponents.

1) $\left(-\frac{1}{5}\right)^{-4} = \underline{\quad 625 \quad}$

2) $\left(\frac{2}{9}\right)^{-3} = \underline{\quad \frac{729}{8} \quad}$

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

4) $\left(\frac{5}{8}\right)^{-3} = \underline{\quad \frac{512}{125} \quad}$

5) $\left(\frac{9}{10}\right)^{-1} = \underline{\quad \frac{10}{9} \quad}$

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

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

8) $\left(\frac{2}{4}\right)^{-5} = \underline{\quad \frac{1024}{32} \quad}$

9) $\left(\frac{6}{9}\right)^3 = \underline{\quad \frac{216}{729} \quad}$

10) $\left(-\frac{1}{6}\right)^{-2} = \underline{\quad 36 \quad}$

11) $\left(-\frac{7}{8}\right)^2 = \underline{\quad \frac{49}{64} \quad}$

12) $\left(\frac{4}{5}\right)^3 = \underline{\quad \frac{64}{125} \quad}$

13) $\left(-\frac{1}{3}\right)^6 = \underline{\quad \frac{1}{729} \quad}$

14) $\left(\frac{3}{9}\right)^2 = \underline{\quad \frac{9}{81} \quad}$

15) $\left(-\frac{2}{10}\right)^2 = \underline{\quad \frac{4}{100} \quad}$

16) $\left(\frac{8}{3}\right)^{-2} = \underline{\quad \frac{9}{64} \quad}$

17) $\left(\frac{4}{3}\right)^{-3} = \underline{\quad \frac{27}{64} \quad}$

18) $\left(\frac{1}{10}\right)^3 = \underline{\quad \frac{1}{1000} \quad}$