

Name : _____

Score : _____

Teacher : _____

Date : _____

Evaluate the Exponents

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

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

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

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

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

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

4) $\left(-\frac{3}{6}\right)^{-2} =$ _____

14) $\left(\frac{1}{2}\right)^0 =$ _____

5) $\left(\frac{8}{9}\right)^{-3} =$ _____

15) $\left(\frac{2}{3}\right)^{-4} =$ _____

6) $\left(\frac{10}{12}\right)^2 =$ _____

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

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

17) $\left(-\frac{6}{7}\right)^2 =$ _____

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

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

9) $\left(\frac{1}{4}\right)^{-3} =$ _____

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

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

20) $\left(\frac{1}{8}\right)^{-2} =$ _____



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Evaluate the Exponents

1) $\left(-\frac{1}{4}\right)^{-2} = \underline{16}$

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

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

12) $\left(-\frac{1}{3}\right)^{-3} = \underline{-27}$

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

13) $\left(\frac{1}{10}\right)^2 = \underline{\frac{1}{100}}$

4) $\left(-\frac{3}{6}\right)^{-2} = \underline{\frac{36}{9}}$

14) $\left(\frac{1}{2}\right)^0 = \underline{1}$

5) $\left(\frac{8}{9}\right)^{-3} = \underline{\frac{729}{512}}$

15) $\left(\frac{2}{3}\right)^{-4} = \underline{\frac{81}{16}}$

6) $\left(\frac{10}{12}\right)^2 = \underline{\frac{100}{144}}$

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

7) $\left(\frac{1}{2}\right)^{-4} = \underline{16}$

17) $\left(-\frac{6}{7}\right)^2 = \underline{\frac{36}{49}}$

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

18) $\left(-\frac{1}{2}\right)^7 = \underline{-\frac{1}{128}}$

9) $\left(\frac{1}{4}\right)^{-3} = \underline{64}$

19) $\left(\frac{5}{7}\right)^{-3} = \underline{\frac{343}{125}}$

10) $\left(\frac{2}{3}\right)^{-5} = \underline{\frac{243}{32}}$

20) $\left(\frac{1}{8}\right)^{-2} = \underline{64}$

