

Name : _____

Score : _____

Teacher : _____

Date : _____

Evaluate the Exponents

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

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

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

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

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

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

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

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

5) $\left(\frac{7}{12}\right)^2 =$ _____

15) $\left(\frac{7}{10}\right)^2 =$ _____

6) $\left(-\frac{9}{12}\right)^2 =$ _____

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

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

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

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

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

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

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

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

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



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Evaluate the Exponents

$$1) \left(-\frac{3}{5}\right)^2 = \underline{\frac{9}{25}}$$

$$11) \left(\frac{1}{3}\right)^{-3} = \underline{27}$$

$$2) \left(\frac{2}{4}\right)^3 = \underline{\frac{8}{64}}$$

$$12) \left(-\frac{3}{8}\right)^2 = \underline{\frac{9}{64}}$$

$$3) \left(\frac{1}{5}\right)^2 = \underline{\frac{1}{25}}$$

$$13) \left(-\frac{2}{7}\right)^{-2} = \underline{\frac{49}{4}}$$

$$4) \left(\frac{1}{2}\right)^8 = \underline{\frac{1}{256}}$$

$$14) \left(-\frac{2}{3}\right)^4 = \underline{\frac{16}{81}}$$

$$5) \left(\frac{7}{12}\right)^2 = \underline{\frac{49}{144}}$$

$$15) \left(\frac{7}{10}\right)^2 = \underline{\frac{49}{100}}$$

$$6) \left(-\frac{9}{12}\right)^2 = \underline{\frac{81}{144}}$$

$$16) \left(\frac{2}{3}\right)^{-5} = \underline{\frac{243}{32}}$$

$$7) \left(\frac{1}{2}\right)^6 = \underline{\frac{1}{64}}$$

$$17) \left(-\frac{4}{6}\right)^4 = \underline{\frac{256}{1296}}$$

$$8) \left(-\frac{1}{2}\right)^{-8} = \underline{256}$$

$$18) \left(-\frac{5}{9}\right)^3 = \underline{-\frac{125}{729}}$$

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

$$19) \left(\frac{3}{7}\right)^3 = \underline{\frac{27}{343}}$$

$$10) \left(-\frac{1}{2}\right)^3 = \underline{-\frac{1}{8}}$$

$$20) \left(\frac{5}{9}\right)^3 = \underline{\frac{125}{729}}$$

