

Exponents

Name: _____

Date: _____

Evaluate the Exponents.

1) $\left(\frac{13}{20}\right)^3 =$ _____

2) $\left(\frac{9}{21}\right)^{-3} =$ _____

3) $\left(\frac{27}{19}\right)^2 =$ _____

4) $\left(-\frac{15}{29}\right)^{-2} =$ _____

5) $\left(\frac{24}{7}\right)^{-3} =$ _____

6) $\left(\frac{14}{25}\right)^3 =$ _____

7) $\left(\frac{4}{27}\right)^{-3} =$ _____

8) $\left(-\frac{26}{17}\right)^{-2} =$ _____

9) $\left(-\frac{22}{10}\right)^2 =$ _____

10) $\left(-\frac{18}{24}\right)^{-2} =$ _____

11) $\left(-\frac{3}{30}\right)^2 =$ _____

12) $\left(\frac{20}{6}\right)^{-2} =$ _____

13) $\left(\frac{28}{7}\right)^2 =$ _____

14) $\left(\frac{23}{16}\right)^2 =$ _____

15) $\left(-\frac{19}{20}\right)^2 =$ _____

16) $\left(\frac{3}{22}\right)^{-2} =$ _____

17) $\left(-\frac{9}{29}\right)^{-2} =$ _____

18) $\left(\frac{21}{2}\right)^3 =$ _____

Exponents

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Evaluate the Exponents.

$$1) \left(\frac{13}{20}\right)^3 = \frac{2197}{8000}$$

$$2) \left(\frac{9}{21}\right)^{-3} = \frac{9261}{729}$$

$$3) \left(\frac{27}{19}\right)^2 = \frac{729}{361}$$

$$4) \left(-\frac{15}{29}\right)^{-2} = \frac{841}{225}$$

$$5) \left(\frac{24}{7}\right)^{-3} = \frac{343}{13824}$$

$$6) \left(\frac{14}{25}\right)^3 = \frac{2744}{15625}$$

$$7) \left(\frac{4}{27}\right)^{-3} = \frac{19683}{64}$$

$$8) \left(-\frac{26}{17}\right)^{-2} = \frac{289}{676}$$

$$9) \left(-\frac{22}{10}\right)^2 = \frac{484}{100}$$

$$10) \left(-\frac{18}{24}\right)^{-2} = \frac{576}{324}$$

$$11) \left(-\frac{3}{30}\right)^2 = \frac{9}{900}$$

$$12) \left(\frac{20}{6}\right)^{-2} = \frac{36}{400}$$

$$13) \left(\frac{28}{7}\right)^2 = \frac{784}{49}$$

$$14) \left(\frac{23}{16}\right)^2 = \frac{529}{256}$$

$$15) \left(-\frac{19}{20}\right)^2 = \frac{361}{400}$$

$$16) \left(\frac{3}{22}\right)^{-2} = \frac{484}{9}$$

$$17) \left(-\frac{9}{29}\right)^{-2} = \frac{841}{81}$$

$$18) \left(\frac{21}{2}\right)^3 = \frac{9261}{8}$$