Exponents

Name:_____ Date:_____

Evaluate the Exponents.

1) $\left(-\frac{17}{3}\right)^{-2} =$ _____

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

3) $\left(\frac{7}{10}\right)^{-3} =$ _____

4) $\left(-\frac{11}{4}\right)^{-2} =$ _____

5) $\left(\frac{5}{14}\right)^{3} =$ _____

6) $\left(\frac{9}{15}\right)^{3} =$ _____

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

8) $\left(-\frac{6}{19}\right)^{-2} =$ _____

9) $\left(-\frac{13}{11}\right)^{2} =$ _____

10) $\left(\frac{13}{2}\right)^{-3} =$ _____

11) $\left(\frac{4}{16}\right)^{-1} =$ _____

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

13) $\left(\frac{19}{17}\right)^{2} =$ _____

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

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

16) $\left(\frac{14}{15}\right)^{-2} =$ _____

17) $\left(-\frac{10}{11}\right)^{-2} =$ _____

18) $\left(\frac{11}{12}\right)^{3} =$ _____

Exponents

Name:_____ Date:_____

Evaluate the Exponents.

1) $\left(-\frac{17}{3}\right)^{-2} = \frac{9}{289}$

2) $\left(-\frac{1}{18}\right)^{-2} = 324$

3) $\left(\frac{7}{10}\right)^{-3} = \frac{1000}{343}$

4) $\left(-\frac{11}{4}\right)^{-2} = \frac{16}{121}$

5) $\left(\frac{5}{14}\right)^{3} = \frac{125}{2744}$

6) $\left(\frac{9}{15}\right)^{3} = \frac{729}{3375}$

7) $\left(\frac{11}{7}\right)^{-2} = \frac{49}{121}$

8) $\left(-\frac{6}{19}\right)^{-2} = \frac{361}{36}$

9) $\left(-\frac{13}{11}\right)^{2} = \frac{169}{121}$

10) $\left(\frac{13}{2}\right)^{-3} = \frac{8}{2197}$

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

12) $\left(\frac{15}{7}\right)^{-2} = \frac{49}{225}$

13) $\left(\frac{19}{17}\right)^{2} = \frac{361}{289}$

14) $\left(\frac{3}{18}\right)^{2} = \frac{9}{324}$

15) $\left(\frac{3}{17}\right)^{-3} = \frac{4913}{27}$

16) $\left(\frac{14}{15}\right)^{-2} = \frac{225}{196}$

17) $\left(-\frac{10}{11}\right)^{-2} = \frac{121}{100}$

18) $\left(\frac{11}{12}\right)^{3} = \frac{1331}{1728}$