Exponents

Name:_____ Date:_____

Evaluate the Exponents.

1) $\frac{n^2}{n^{-5}} =$ _____

2) $\frac{12x^{-8}y^2}{4x^{-3}} =$ _____

3) $\frac{e^5}{e^{-1}} =$ _____

4) $\frac{4m^{-4}n^2}{6m^2n^{-4}} =$ _____

5) $\frac{4zg^4}{3z^5g^6} =$ _____

6) $\frac{20r^{-8}s}{2r^2s^2} =$ _____

7) $\frac{8a^6b^6}{16a^{-4}b^{-2}} =$ _____

8) $\frac{15x^2y^{-4}}{3x^2y^6} =$ _____

9) $\frac{2z^{-6}w^5}{4z^2w^{-5}} =$ _____

10) $\frac{10y^6}{2y^{-4}} =$ _____

11) $\frac{7k^2}{4k^3} =$ _____

12) $\frac{14d^{-6}}{7d^5} =$ _____

13) $\frac{10p^4}{6p} =$ _____

14) $\frac{9n^6}{6n^9} =$ _____

15) $\frac{16x^4y}{9x^8y^2} =$ _____

16) $\frac{7d^5h^3}{6dh^2} =$ _____

Exponents

Name:_____ Date:_____

Evaluate the Exponents.

1) $\frac{n^2}{n^{-5}} = \underline{\quad n^7 \quad}$

2) $\frac{12x^{-8}y^2}{4x^{-3}} = \underline{\quad \frac{3y^2}{x^5} \quad}$

3) $\frac{e^5}{e^{-1}} = \underline{\quad e^6 \quad}$

4) $\frac{4m^{-4}n^2}{6m^2n^{-4}} = \underline{\quad \frac{2n^6}{3m^6} \quad}$

5) $\frac{4zg^4}{3z^5g^6} = \underline{\quad \frac{4}{3z^4g^2} \quad}$

6) $\frac{20r^{-8}s}{2r^2s^2} = \underline{\quad \frac{10}{r^{10}s} \quad}$

7) $\frac{8a^6b^6}{16a^{-4}b^{-2}} = \underline{\quad \frac{a^{10}b^8}{2} \quad}$

8) $\frac{15x^2y^{-4}}{3x^2y^6} = \underline{\quad \frac{5}{y^{10}} \quad}$

9) $\frac{2z^{-6}w^5}{4z^2w^{-5}} = \underline{\quad \frac{w^{10}}{2z^8} \quad}$

10) $\frac{10y^6}{2y^{-4}} = \underline{\quad 5y^{10} \quad}$

11) $\frac{7k^2}{4k^3} = \underline{\quad \frac{7}{4k} \quad}$

12) $\frac{14d^{-6}}{7d^5} = \underline{\quad \frac{2}{d^{11}} \quad}$

13) $\frac{10p^4}{6p} = \underline{\quad \frac{5p^3}{3} \quad}$

14) $\frac{9n^6}{6n^9} = \underline{\quad \frac{3}{2n^3} \quad}$

15) $\frac{16x^4y}{9x^8y^2} = \underline{\quad \frac{16}{9x^4y} \quad}$

16) $\frac{7d^5h^3}{6dh^2} = \underline{\quad \frac{7d^4h}{6} \quad}$