

Name: _____

Period: _____ Date: _____

Negative & Zero Exponents

Section I. Simplify. Write all answers with positive exponents

1. y^{-3}

2. $6^{-2} \cdot h^4$

3. $m^{-3} \cdot n^7$

4. $\frac{f^7}{f^{12}}$

5. $5w^{-6}$

6. $h^{-2} \cdot h^4$

7. $\frac{7y^5}{28y^4}$

8. $\frac{a^{-6}}{a^2}$

9. $\frac{y^7x^3}{y^3x^6}$

10. $\frac{50x^4}{25x^9}$

11. $\frac{f^8g^{-5}}{f^2g^3}$

12. $6g^{-2} \cdot 4g^4$

13. $\frac{c^{12}d^{-3}}{c^7d^0}$

14. $14q^0$

15. $\frac{3m^{-5}n^{-6}}{9m^8n^0}$

16. $\frac{10v^0w^6}{2v^{-3}w^{15}}$