

Name: _____

Date: _____

Simplify each expression. Write your answer using a positive exponent.

15. $100^2 \cdot 100^3 \cdot 100^{-5}$

16. $\frac{r}{r^{-2}}$

17. $3d^{-7} \div 6d^{-4}$

18. $9x^{-5} \cdot (36x^6 \div 4x^2)$

19. $2g^{12} \cdot \frac{g^{-2}}{g^6}$

20. $125y^4 \div 5y^{-8}$