

Simplify each of the following. Present your answer without negative exponents.

$$1. 3^{-2} = \frac{1}{9}$$

$$2. \frac{1}{2^{-3}} = \frac{1}{9}$$

$$3. \frac{1}{x^{-5}} = x^5$$

$$4. a^8 \cdot a^{-1} = a^7$$

$$5. p^3 (p^{-7}) p^8 = p^4$$

$$6. \frac{x^{-4}}{x^{-9}} = x^5$$

$$7. \frac{50a^{12}}{10a^{-3}} = 5a^{15}$$

$$8. \frac{t^{-3}}{t^4} = \frac{1}{t^7}$$

$$9. (b^{-5})(b^2)(b^{-1}) = \frac{1}{b^4}$$

$$10. \frac{m^{-2}}{m^{-5}} = m^3$$

$$11. \frac{18q^3}{6q^{-3}} = 3q^6$$

$$12. 2y^{-3} = \frac{2}{y^3}$$

$$13. (2y)^{-3} = \frac{1}{8y^3}$$

$$14. \frac{a^3b^{-5}}{a^{-2}b^3} = \frac{a^5}{b^8}$$

$$15. (3m^3)^{-2} = \frac{1}{9m^6}$$

$$16. \frac{(k^3)^{-3}}{(k^{-5})^2} = k$$

$$17.$$