

$$1. \left(\frac{x^3}{y^2}\right)^5 \left(\frac{x}{y}\right)^{-2} =$$

$$2. \frac{(2x^3y^5)^4}{(6x^5y^3)^2} =$$

$$3. (2x^3)^2(3x^{-1})^3 =$$

$$4. (3xy^4)^{-2}(12x^2y)^2 =$$

$$5. (4x^{-1}y^{-2})^2(2x^4y^5)^3 =$$

$$6. \frac{(5x^4y^3)^3}{(15xy^5)^2} =$$

$$7. \frac{(9x^{-2}y^3)^2}{(6xy^2)^3} =$$

$$8. [9(x+3)^2]^2[2(x+3)]^3 =$$

$$9. (2xy^2z^4)^4(3x^{-1}z^2)^3(xy^5z^{-4}) =$$

$$10. \frac{2(xy^4)^3(yz^2)^4}{(3xyz)^4} =$$