

Simplify by Exponent Rules.

$$1) x^2 x^3 =$$

$$2) xy^3(x^2)^2 =$$

$$3) (x)(x)(x)(y^2z^3) =$$

$$4) \frac{x^4y^5}{xy^0} =$$

$$5) \frac{www}{wwww} =$$

$$6) \frac{a^5b^3}{a^7b^2} =$$

$$7) \frac{(p^2q^4r^3)^2}{(pqr)^3} =$$

$$8) \frac{c^2(de)^f}{(de)^g} =$$

$$9) \left(\frac{j^2k^5}{j^5l^2}\right)(j^2k^{-3}l) =$$

$$10) \left(\frac{kxy}{ky}\right)(kxy)^2 =$$