

HW 18, Gr Math, 6th Grade

$$1) 4^2 \cdot 4^3 \cdot 4^{-2} \cdot 4 =$$

$$2) (-5)^4 \cdot (-5)^{-2} \cdot (-5)^0 \cdot (-5) =$$

$$3) (4x^2y^4)^3 =$$

$$4) (-5x^3y^6z^4)^3 =$$

$$5) ((3x^2y^3)^2)^3 =$$

$$6) \left(\frac{2x}{3y}\right)^2 =$$

$$7) \left(\frac{3xy}{4}\right)^3 =$$

$$8) \left(\frac{4x^2y}{5z}\right)^2 =$$

$$9) \left(\frac{2x}{3y}\right)^{-2} =$$

$$10) (2x^4y^2z)^{-2} =$$

$$11) ((5x^2y^3)^{-2})^{-3} =$$

$$12) \frac{x^3}{x} =$$

$$13) \frac{x^{-4}}{x^{-2}} =$$

$$14) \left(-\frac{3}{4}\right)^{-2} =$$

$$15) \left(\frac{3x^2y^3}{5z}\right)^{-2} =$$