

Power - to - Power

$$1) (x^3)^4 =$$

$$11) (2xy^3)^4 =$$

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

$$12) (-3x)^2 =$$

$$3) (n^2)^8 =$$

$$13) (-7x^2y^3)^4 =$$

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

$$14) (-2a^2b)^3 =$$

$$5) (a^4b^2)^3 =$$

$$15) (-xy^2)^2 =$$

$$6) (x^2y)^2 =$$

$$16) (-4y^3)^2 =$$

$$7) (xy^4)^3 =$$

$$17) -(3x^2)^2 =$$

$$8) (3x^2)^2 =$$

$$18) -(4x^3y)^2 =$$

$$9) (2x^4)^3 =$$

$$19) \left(\frac{x^3}{y^4}\right)^3 =$$

$$10) (7a^2b^3)^2 =$$

$$20) \left(\frac{-3x^2}{y^2}\right)^4 =$$

Name _____