

# M9 - 3.6 - Exponents Negative Brackets Notes HW

**Simplify without Brackets**

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

$$(-4x^{-3})^3 =$$

$$(-7x^2)^{-2} =$$

$$(-5x^3)^3 =$$

$$-(-4x^2)^4 =$$

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

**Simplify without Brackets**

$$\left(\frac{4x^3}{2x^2}\right)^5 =$$

$$\left(\frac{2x^5}{7x^6}\right)^2 =$$

$$\left(\frac{1x^4}{2x^3}\right)^{-2} =$$

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

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

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