

**Quiz 74** .....

Simplify. Write your answers with positive exponents.

1.  $x^0 \cdot (2x^2)^3$

2.  $9x \cdot (-3x^5)^{-2}$

3.  $(-6x^3)^2 \cdot (2x^{-3})^{-2}$

4.  $\left(\frac{3x^4x^{-2}}{x^{-1}x^5}\right)^3$

5.  $\frac{(-4x^2x^5)^3}{(8x^0x^7)^2}$