

Correct. Apply the exponent 4 to each factor individually: $\frac{(x^7)^4(y^3)^4}{(3)^4(z^2)^4}$

Simplify, using the power rule: $\frac{x^{7 \cdot 4}y^{3 \cdot 4}}{81z^{2 \cdot 4}} = \frac{x^{28}y^{12}}{81z^8}$