

You may have rewritten the radical using a rational exponent, but then you applied that exponent only to the last factor. The expression can first be rewritten as: $(16f^4g^2h^8)^{\frac{1}{4}}$

The second step is to write the expression as: $16^{\frac{1}{4}} \cdot (f^4)^{\frac{1}{4}} \cdot (g^2)^{\frac{1}{4}} \cdot (h^8)^{\frac{1}{4}}$