

Correct. Use the laws of exponents to rewrite the expression: $32^{\frac{3}{5}}\left(x^{\frac{5}{3}}\right)^{\frac{3}{5}}$

Factor 32 and rewrite as 2^5 : $\left(2^5\right)^{\frac{3}{5}}\left(x^{\frac{5}{3}}\right)^{\frac{3}{5}} = 2^3x^1 = 8x$