5. Which of the five expressions shown has a different value from the other four?

A 2^8 B 4^4 C $8^{8/3}$ D 16^2 E $32^{6/5}$

5.   **E** $4^4 = (2^2)^4 = 2^8$; $8^{8/3} = (2^3)^{8/3} = 2^8$; $16^2 = (2^4)^2 = 2^8$. However, $32^{6/5} = (2^5)^{6/5} = 2^6$.