## Clicker Question

What is the correct unbalanced chemical equation for the reaction of iron(II) oxide with oxygen gas to produce iron(III) oxide?

A) FeO + 
$$O_2 \rightarrow Fe_2O_3$$

B) 
$$FeO_2 + O_2 \rightarrow Fe_2O_3$$

C) 
$$FeO_2 + O_2 \rightarrow Fe_3O_2$$

D) FeO + 
$$O_2 \rightarrow Fe_3O_2$$

E) 
$$FeO_2 + O_2 \rightarrow FeO$$