

**32** Which reaction mixture produces a primary alcohol as the major product?

**A** propanone with  $\text{NaBH}_4$

**B** propene with steam in the presence of  $\text{H}_3\text{PO}_4$

**C** butanoic acid with  $\text{LiAlH}_4$

**D** ethene with hot concentrated acidified  $\text{KMnO}_4$