

20. Ethanol can also be produced by reacting ethene with steam. The equation for this reaction, which is known as hydration, is shown below.



Which statement about this reaction is **incorrect**?

- (a) The hydration reaction requires higher pressures than fermentation to achieve an economically-viable rate.
- (b) The hydration of ethene is an addition reaction.
- (c) Enzymes decrease the activation energies of both the hydration and fermentation reactions.
- (d) The hydration reaction requires higher temperatures than fermentation to achieve an economically-viable rate.