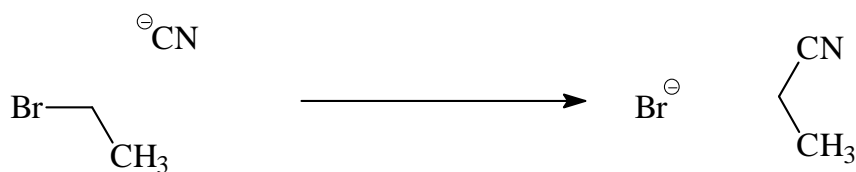


Marks
5

- Add curly arrows to complete the following mechanism.



Classify this reaction as $\text{S}_{\text{N}}1$ or $\text{S}_{\text{N}}2$ and explain what the three parts of this descriptor signify.