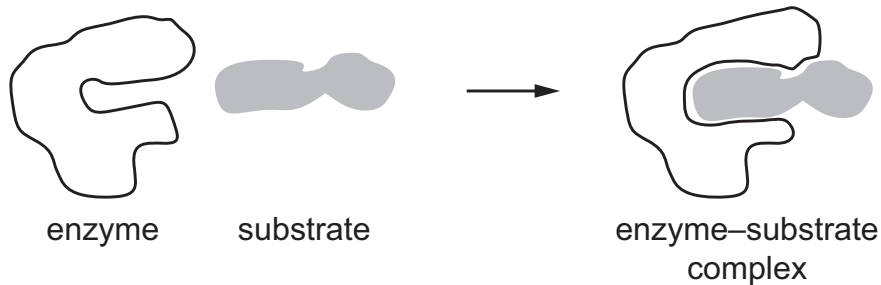


14 The diagram shows an enzyme, its substrate and an enzyme–substrate complex.



Which statement explains how this substrate is able to enter the active site of this enzyme?

- A Contact between the substrate and the enzyme causes a change in the enzyme shape.
- B The shape of the active site and the shape of the substrate are complementary.
- C The substrate within the active site forms hydrogen bonds with amino acids.
- D When the enzyme–substrate complex forms, the tertiary structure of the enzyme changes.