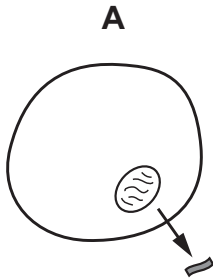
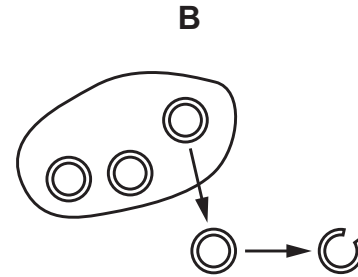


40 The diagrams show the stages in the production of human insulin.

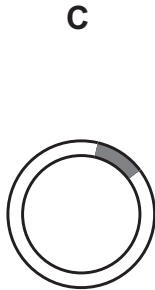
Which stage uses the enzyme DNA ligase?



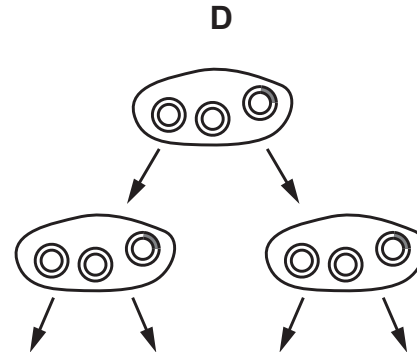
The gene for insulin is identified and removed from a human cell.



A plasmid is removed from a bacterium and cut open.



The gene for insulin is inserted into the plasmid.



The plasmid is inserted into a bacterium that reproduces, and insulin is produced.