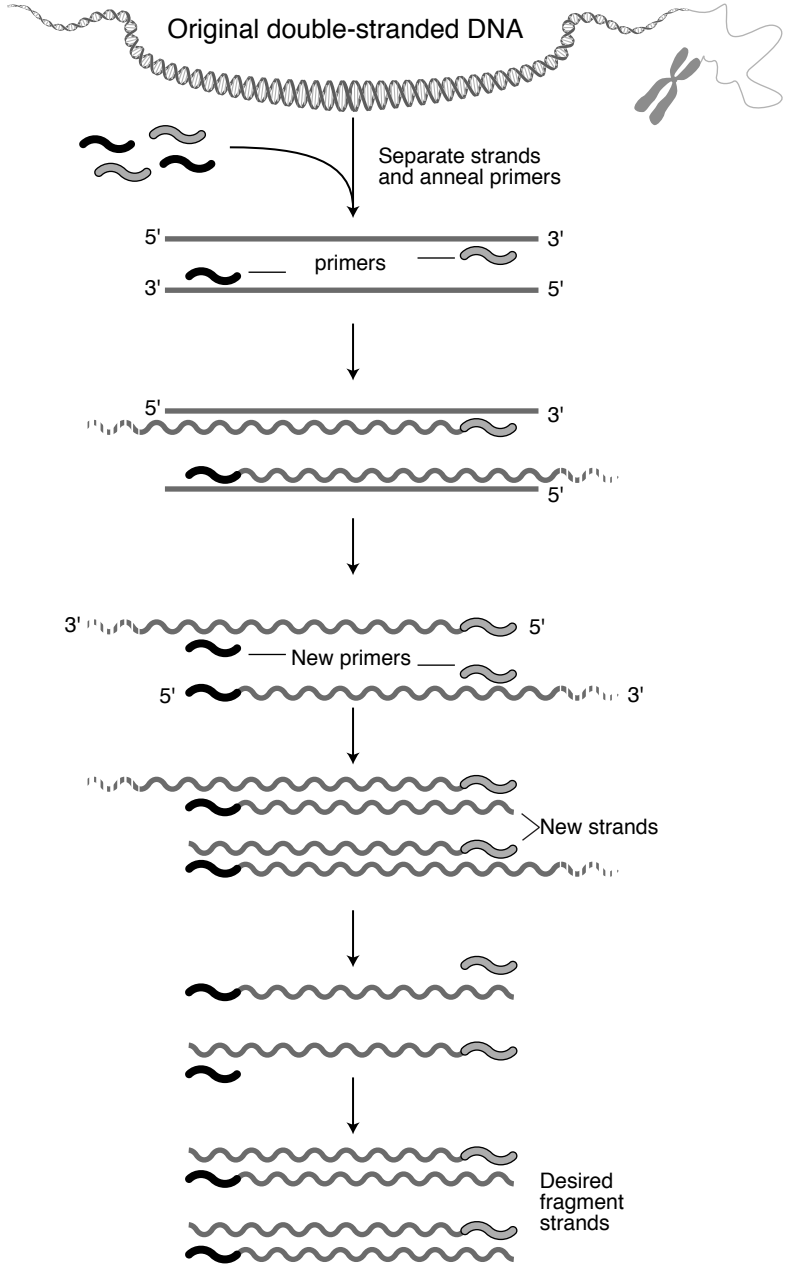Polymerase Chain Reaction