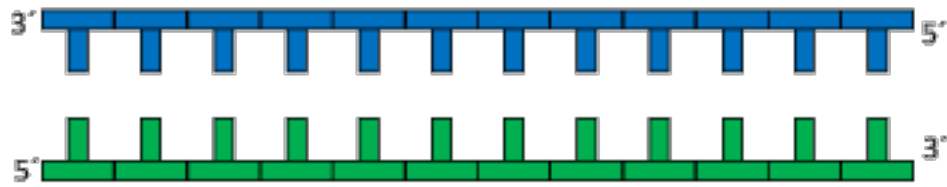
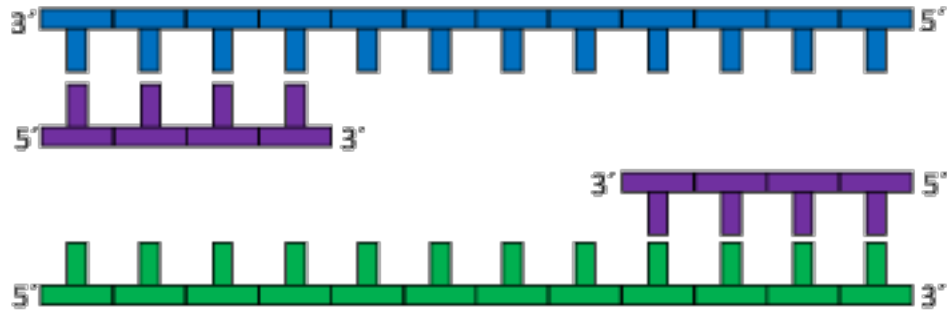


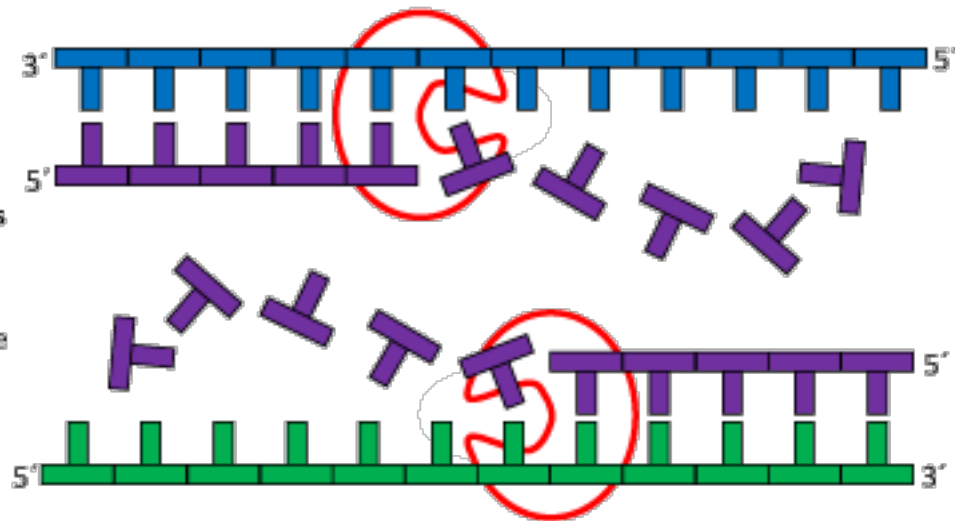
Double stranded DNA is **denatured** by heating to 95°C



At approximately 60° primers anneal to complementary bases flanking the region of interest



At 72°C *Taq* polymerase extends the single stranded DNA molecule, creating new double stranded DNA



The process is repeated for 25-35 cycles to amplify sufficient material for visualisation

