**PCR**

**Key**

- ↓ = heat (denature)
- ↓ = Cool, primer hybridizes to template
- ↓ = (Keep Cool) Polymerase adds to primer
- □, □ = primers

All DNA Arrows go 5' → 3'

end cycle 1

Many copies of target sequence

Repeat steps 1-3 many times

end cycle 3

end cycle 2

7