**Simplify this boolean equation using K-MAP, then draw the logic gate!**

$$F\left(ABCD\right)=\overbar{A}\overbar{B}\overbar{C}\overbar{D}+ \overbar{A}\overbar{B}C\overbar{D}+AB\overbar{C}D+ABCD+A\overbar{B}\overbar{C}\overbar{D}+A\overbar{B}C\overbar{D}$$