Digital Logic Basics

Find the Prime implicates and determine which are essential:

1. $F(w, x, y, z) = \sum(0, 2, 3, 4, 5, 6, 7, 8, 10, 13, 15)$

2. $F(A, B, C, D) = \sum(0, 1, 2, 5, 7, 8, 9, 10, 13, 15)$