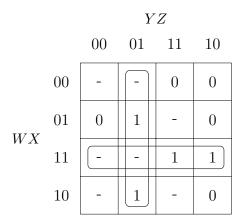
Group Homework 7

G2 - Robert Krency, Austin Pringle, Anthony Stepich October 13, 2021

1.
$$f(wxyz) = \sum_{m} (8, 9, 10, 13, 15) + \sum_{\delta} (0, 4, 6, 12, 14) = WY' + WXY + WYZ'$$

2.
$$f(wxyz) = \sum_{m} (5, 9, 14, 15) + \sum_{\delta} (0, 1, 7, 8, 11 - 13) = WX + Y'Z$$



3. f(wxyz) = \sum_{m} (0, 3, 7, 11, 13) + \sum_{δ} (2, 4, 6, 12) = W'Y + W'Z' + WXY' + X'YZ YZ

		00	01	11	10
WX	00	1	0	1	-
	01		0	1	_
	11	-	1	0	0
	10	0	0	1	0

4. $f(\text{wxyz}) = \sum_{m} (2, 8, 9, 10 - 12) + \sum_{\delta} (3, 6, 13 - 15) = W + YZ'$ YZ

		00	01	11	10
WX	00	0	0	-	1
	01	0	0	0	
	11	1	-	-	-
	10	1	1	1	1