1/2

3 Symbolic to Truth table

- 1. Identify import, outputs output on LHS, by itself, up parenthesis
- 2. Write shell of that table

A	8	C	F(A,B,C)	AB"	B' + BC'	A (B'+BC'
0	0	0			1	
0	0	- (1	
0	1	0				
0	1	1				
t	0	0				
١	0	t	1	1	i	
1	1	0		•		
1	1	1			-	

3. Evaluate function for each import

Evaluate = substitute + apply operations (in right order)

$$F(1,0,1) = 1.0' + 1.(0'+0.1')'$$

substitute

apply operations operator precedence

High parenthesis

Low

4. Break expression into

few parts, easy to pot together, casy to evaluate

product term - AND of variables asky what import will cause product term to Equal 1? What rows