

For Such Inputs, Use 'x' to Indicate "Don't Care"	Why Are "Don't' Cares" Useful?
In such cases, we use 'x' (called a "don't care") in place of the desired output. Indicates that either 0 or 1 is acceptable. However: whatever we implement will generate a 0 or a 1 , not a "don't care." So we need to be sure that we really do not care.	 More choices often means a "better" answer (for any choice of metric). Say that you optimize a K-map for a function F. Then you consider several other functions G, H, and J. If you have to pick one of the four functions (F, G, H, or J), the choice can't get worse, since you can always pick F, but the best choice may be better than F.





