


Rosen, Discrete Mathematics and Its Applications, 6th edition
Extra Examples

Section 11.3—Logic Gates

 — Page references correspond to locations of Extra Examples icons in the textbook.

p.763, icon at Example 2

#1. Design a circuit that takes three inputs x , y , and z and produces a value 1 if and only if the input for x is 1 and exactly one of the inputs for y and z is 1.

Solution:

