

CSc 245 Discrete Structures - Summer 2021

Quiz #3

Due: June 29th, 2021 by 11:59 pm (MST)

1. (5 points) Show that when a and b are integers, $(a \bmod 2)(b \bmod 2) = ab \bmod 2$

2. (5 points) Prove that for all integers n , if n is odd then $(-1)^n = -1$.