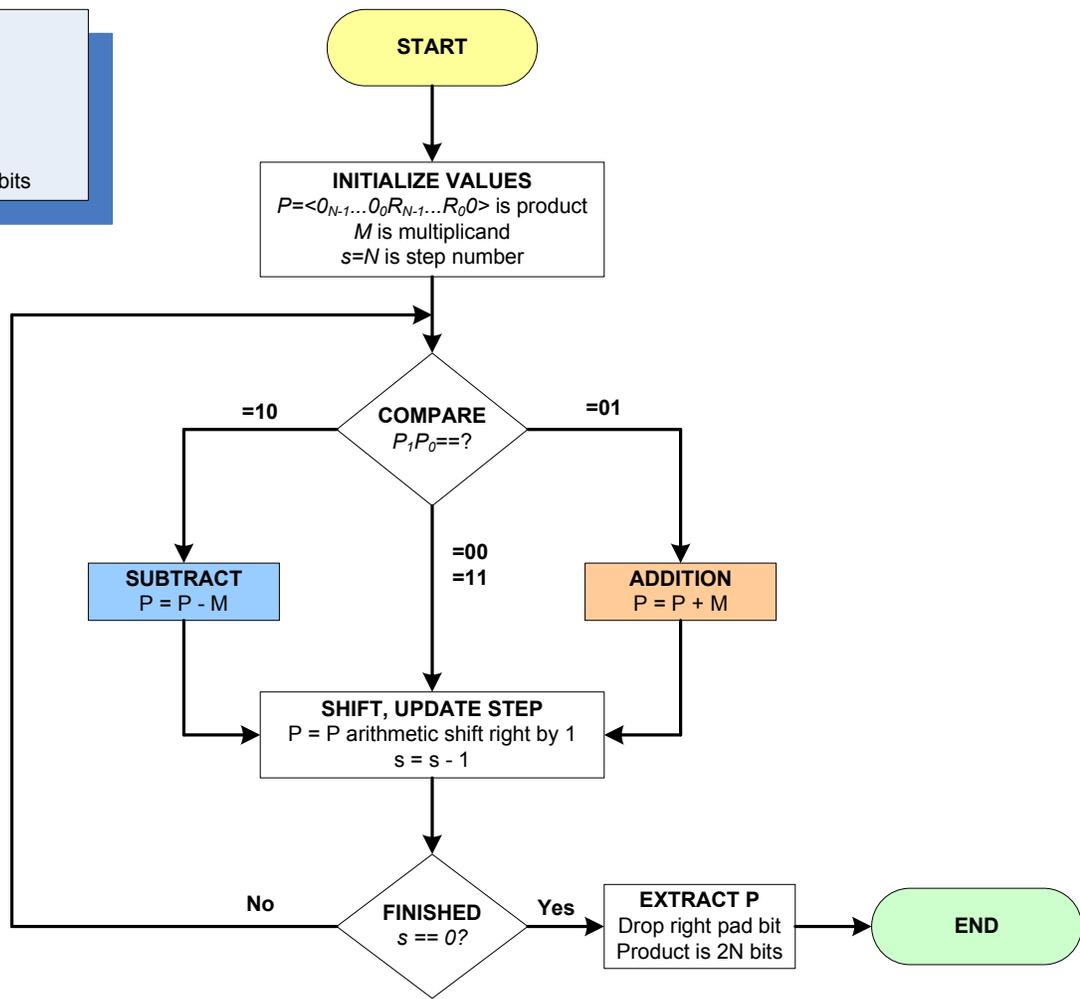


Inputs
M is multiplicand
R is multiplier
N is number bits

Output
P is product, 2N bits



BINARY SIGNED MULTIPLICATION WITH BOOTH'S TECHNIQUE