Bit Reverse Addressing Exercise
Motorola Training Notes 2-24

Answer
128, 128 ($80), 255 ($FF)

pts equ 128
org X:$80
samples dsr pts
org P:$100

move #samples,r0 ;initialize r0
move #pts/2,n0  ;initialize n0
move #$0,m0     ;initialize m0
rep #pts
move x:(r0)+,x0 ;move buffer into x0 in BR fashion

If you feel any of these answers are in error, please notify Prof. Phillip De Leon.