

Name: _____

For the following program segments, execute each program one instruction at a time. At the end of each instruction execution indicate any changes in registers and/or memory locations. Note that the result of any instruction may be operands for succeeding instructions.

		D0:	6789ABCD	D1:	33445566
EORI.L	#\$0FF00000,D0	D0:	<input type="text"/>		
ASR.L	#4,D0	D0:	<input type="text"/>		
SUBI.L	#\$4444,D1			D1:	<input type="text"/>
ROR.W	#4,D1			D1:	<input type="text"/>

		A2:	00023232	D3:	113377CC
ADDA.W	D3,A2	A2:	<input type="text"/>	D3:	<input type="text"/>
CLR.B	D3			D3:	<input type="text"/>
SWAP.W	D3			D3:	<input type="text"/>

	A0:	00001704	A1:	00001702	\$1702	11	
MOVEM.L (A0)+,A1	A0:	<input type="text"/>	A1:	<input type="text"/>	\$1703	22	
					\$1704	33	
					\$1705	44	
	D4:	00000000			\$1706	55	
BSET.L #0,D4	D4:	<input type="text"/>			\$1707	66	
					\$1708	77	
					\$1709	88	
					\$1709	99	
					\$1709	AA	