

Family name: First name: Group:

ANSWER SHEET TO BE HANDED IN**Exercise 1**

Instruction	Memory	Register
Example	\$005000 54 AF 00 40 E7 21 48 C0	A0 = \$00005004 A1 = \$0000500C
Example	\$005008 C9 10 11 C8 D4 36 FF 88	No change
MOVE.W #22, -(A2)		
MOVE.L \$5008, (A2)+		
MOVE.W #\$5008, 2(A1)		
MOVE.B -5(A2), 7(A1, D2.W)		

Exercise 2

Operation	Size (bits)	Result (hexadecimal)	N	Z	V	C
\$A7 + \$A7	8					
\$FFFF + \$0003	16					
\$8000 + \$8000	16					
\$00008000 + \$00008000	32					

Exercise 3

Question	Answer
What is the size in bits of a ".W" operation?	
What are the five flags in the CCR register?	

Exercise 4

Line Number	Correct Instruction

Exercise 5

Values of registers after the execution of the program. Use the 32-bit hexadecimal representation.	
D1 = \$	D3 = \$
D2 = \$	D4 = \$