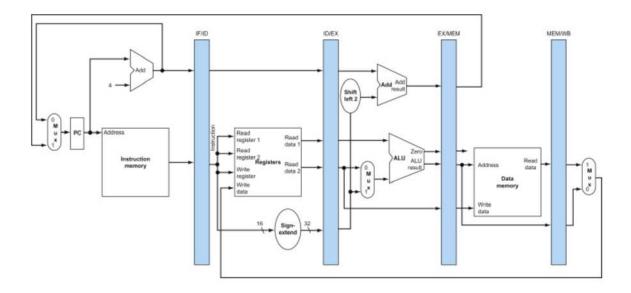
0	
0	
	12) Match the pipeline stage with the physical resource whose icon represents that stage in the stylized datapath depictions.
	 IM Reg (write) DM ALU Reg (read)
Sta	age 1: IF (instruction fetch)
Sta	age 2: ID (instruction decode)
Sta	age 3: EX (execute)
Sta	age 4: MEM (data memory access)
Sta	age 5: WB (write back)
	13) Using multiple copies of the following diagram, show the active stages for execution of the following sequence of instruction set add \$\$1,\$\$a1,\$\$a2

\$a1, 0x12 (\$a2)

SW



14) Using multiple copies of the following diagram, show the active stages for execution of the following sequence of instruction set. Do you see a problem?

add \$\$1, \$a1, \$a2 sw \$\$1, 0x12 (\$a2)

