

# Forwarding:

Use temporary results, don't wait for them to be written

- register file forwarding to handle read/write to same register
- ALU forwarding

	Time (in clock cycles) →								
	CC 1	CC 2	CC 3	CC 4	CC 5	CC 6	CC 7	CC 8	CC 9
Value of register \$2 :	10	10	10	10	10/-20	-20	-20	-20	-20
Value of EX/MEM :	X	X	X	-20	X	X	X	X	X
Value of MEM/WB :	X	X	X	X	-20	X	X	X	X

Program  
execution order  
(in instructions)

