

add \$14, \$5, \$6	lw \$13, 24 (\$1)	add \$12, \$3, \$4	sub \$11, \$2, \$3	lw \$10, 20(\$1)
Instruction fetch	Instruction decode	Execution	Memory	Write-back

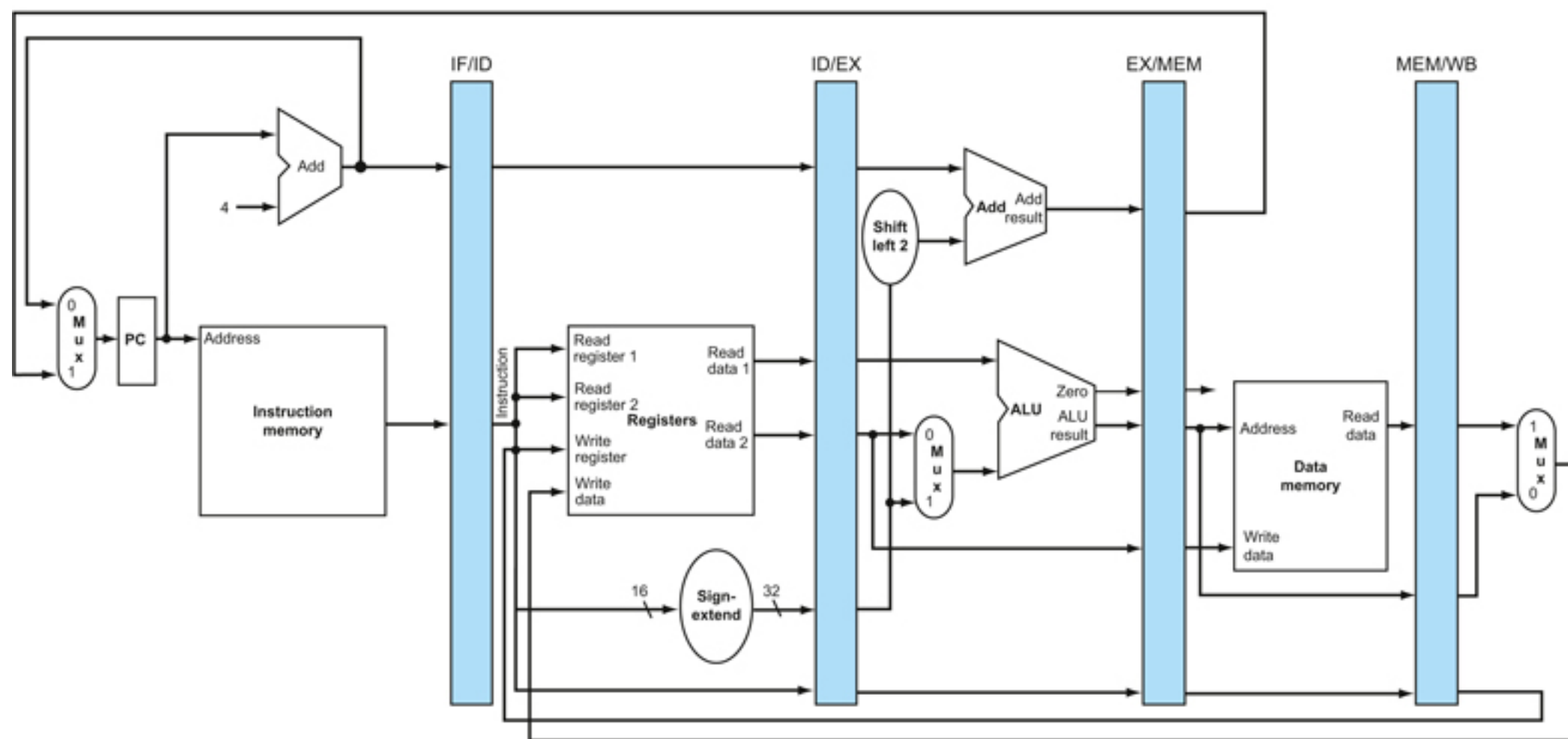


FIGURE 4.45 The single-clock-cycle diagram corresponding to clock cycle 5 of the pipeline in Figures 4.43 and 4.44. As you can see, a single-clock-cycle figure is a vertical slice through a multiple-clock-cycle diagram.