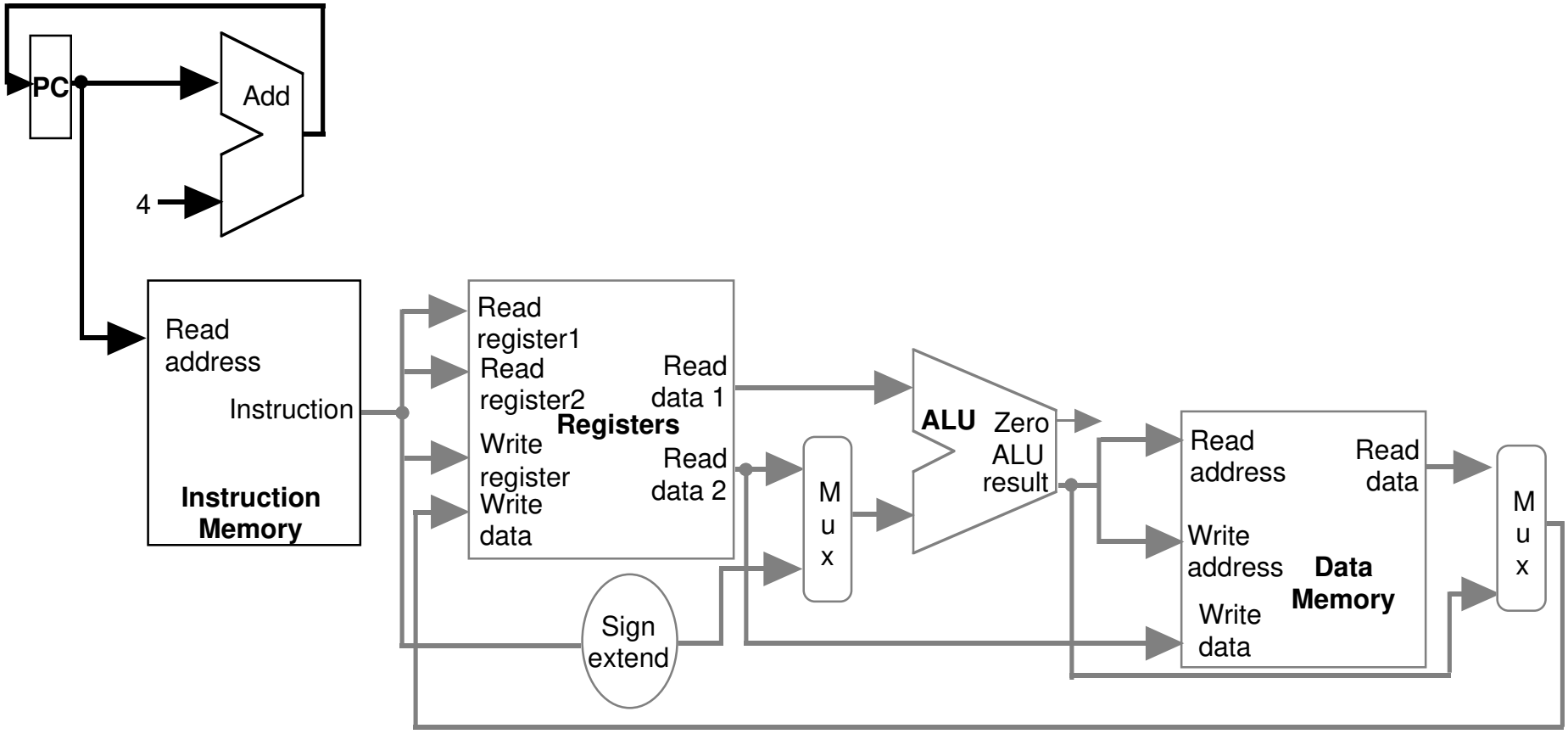
Fetching Instructions

The program counter references instruction memory and is automatically incremented.



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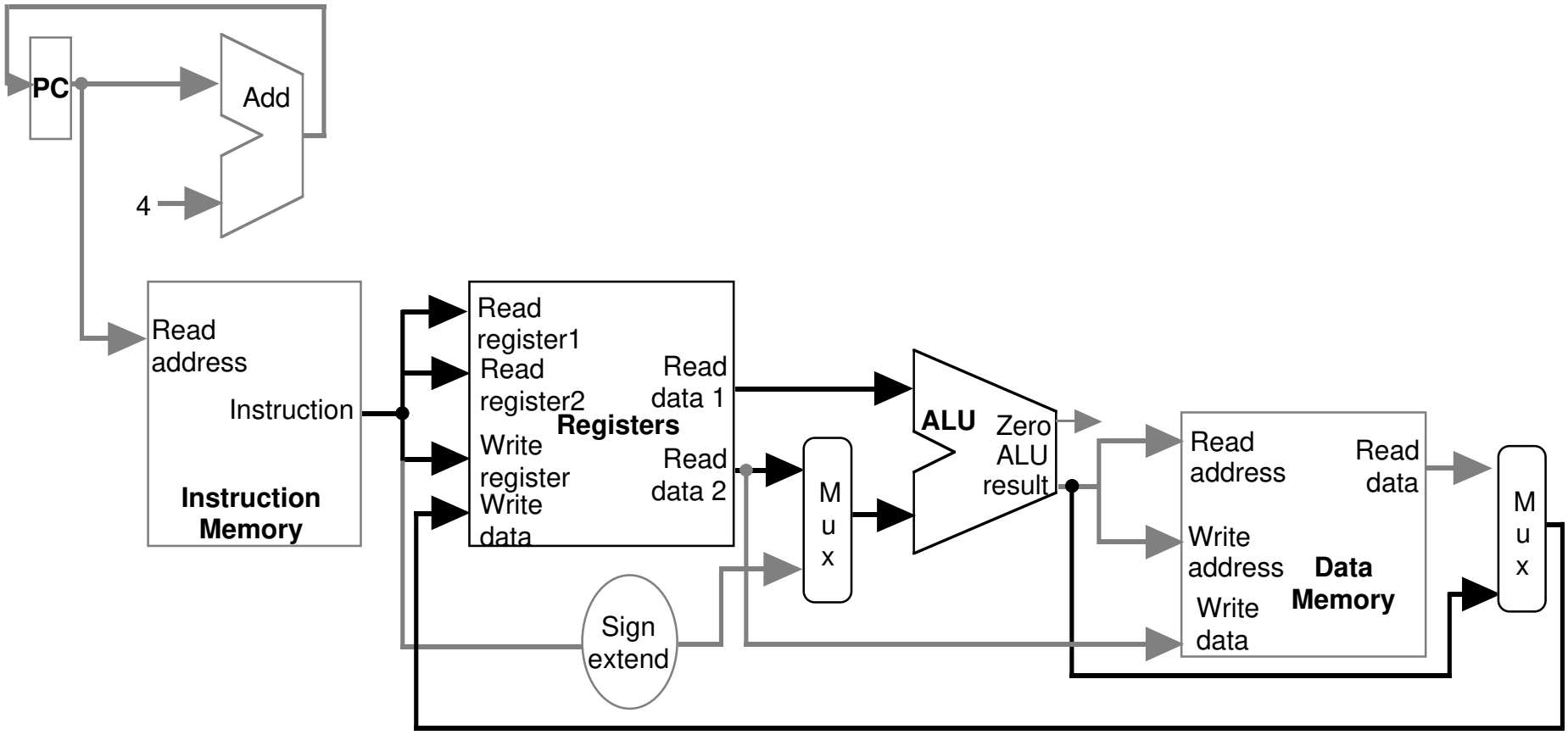
R-type Instructions

```
add $4, $5, $6
```



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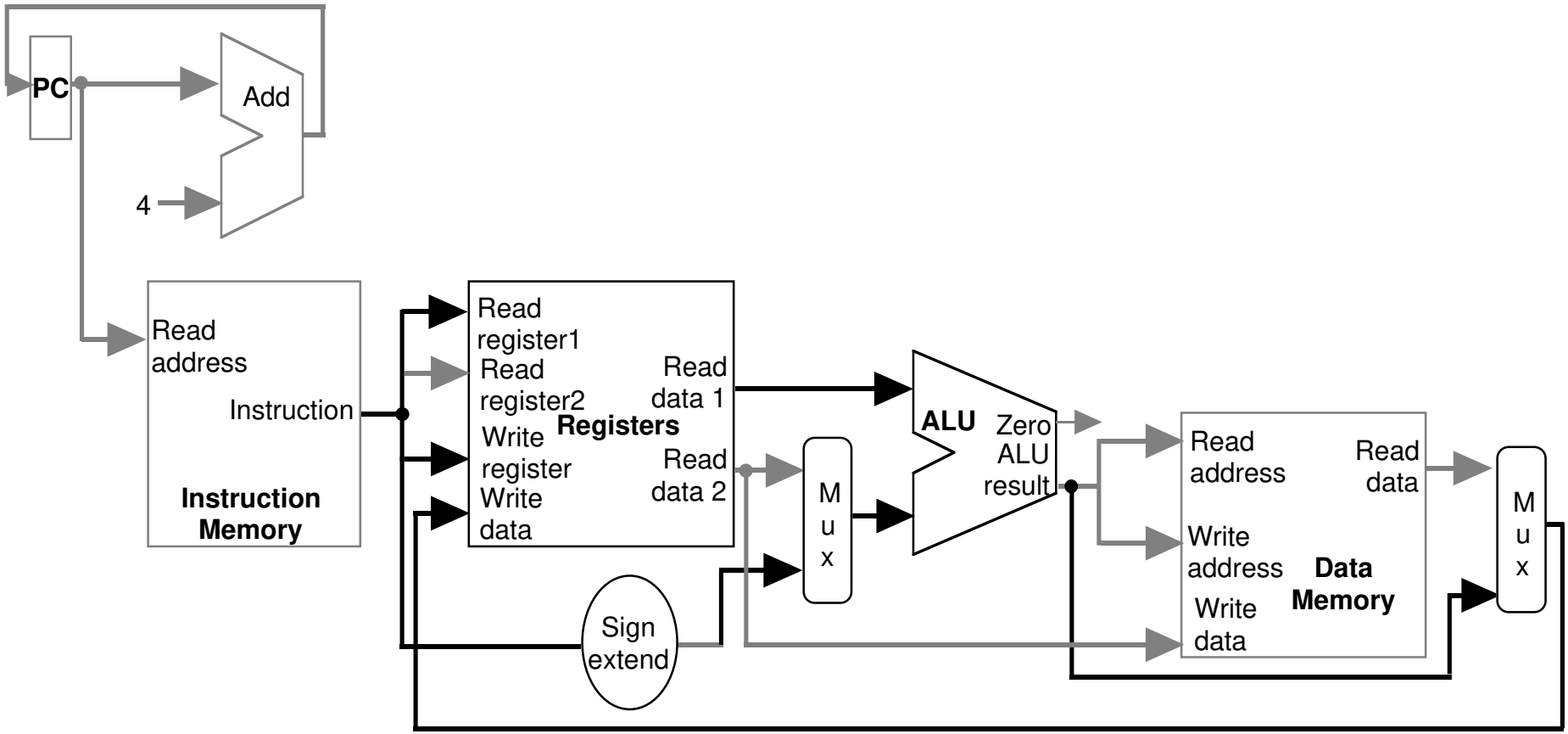
Immediate Instructions

addi $4, $5, -1776



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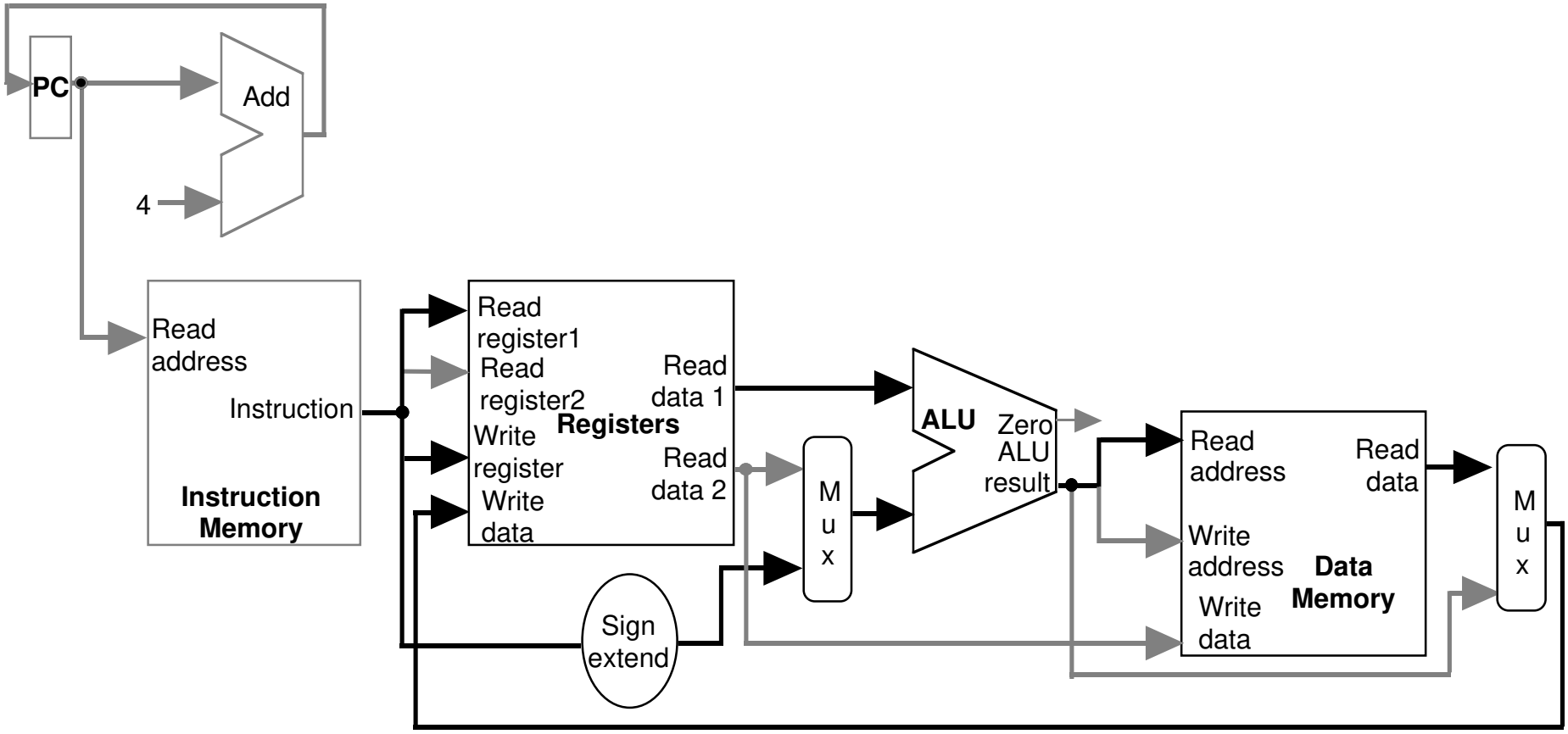
Implementing Loads

```
lw $4, 24($29)
```



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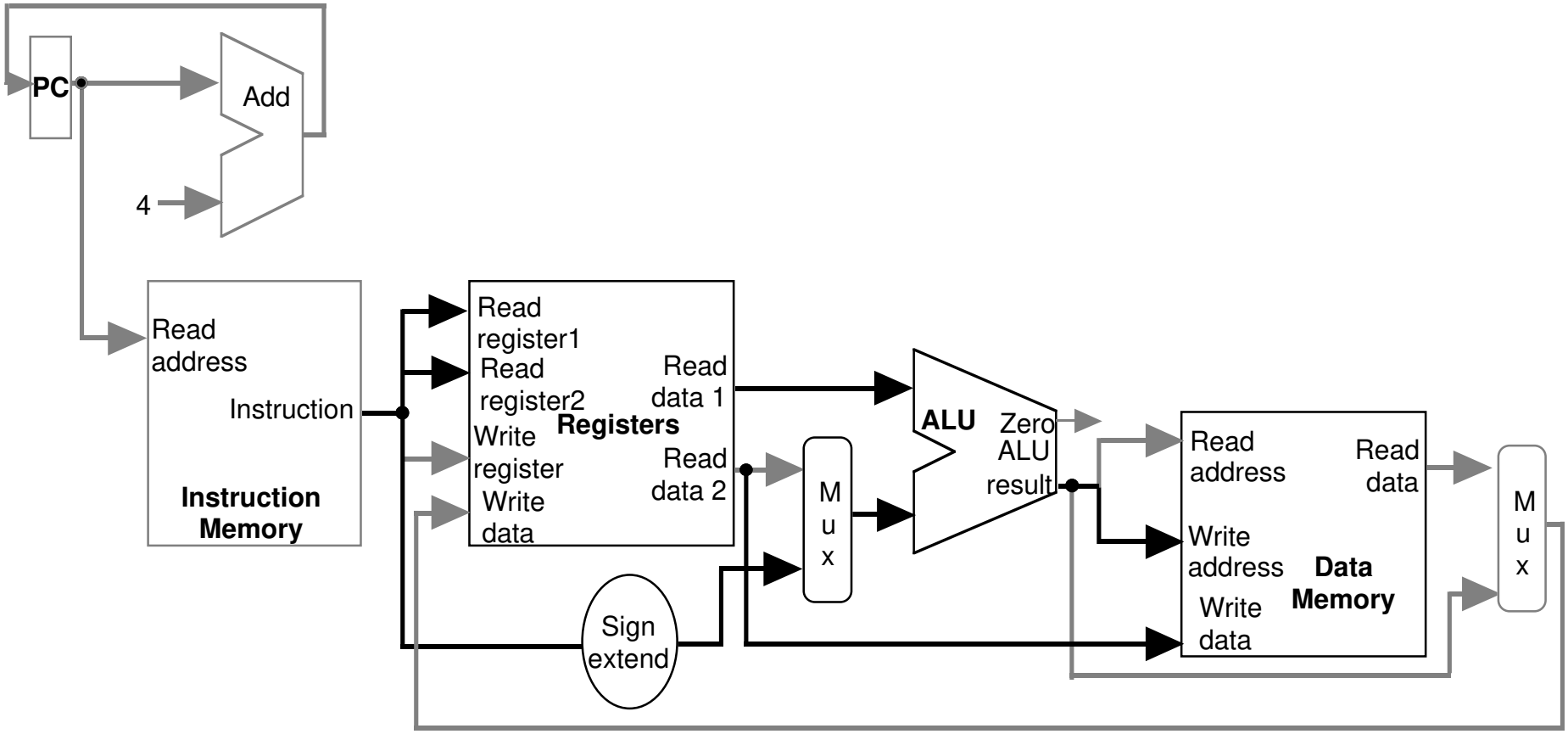
Implementing Stores

```
sw $4, 24($29)
```



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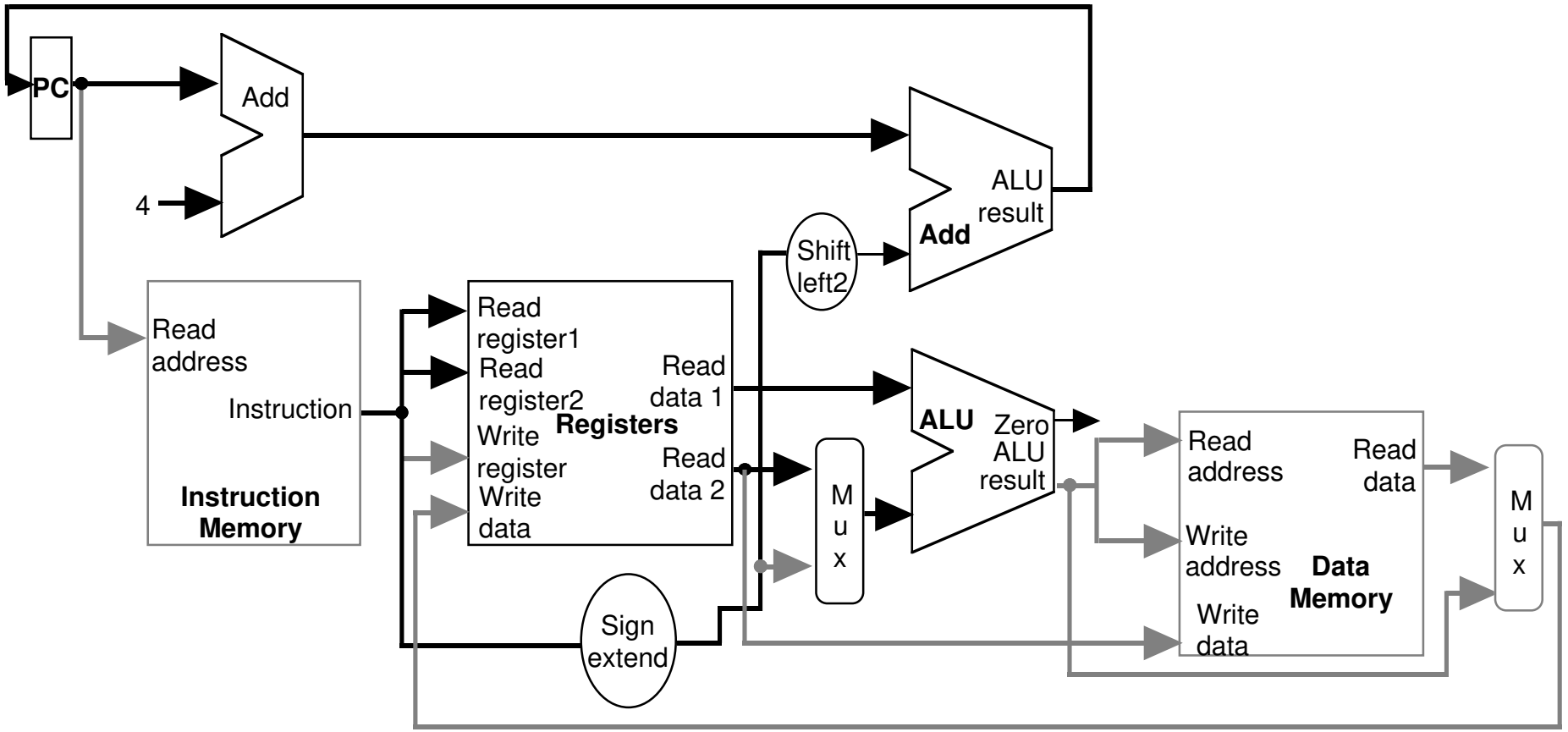
Computing Branch Targets

```
bne $4, $5, nowhere
```



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