

Name	Definition	ARM	MIPS
Load immediate	$Rd = Imm$	mov	addi \$0,
Not	$Rd = \sim(Rs1)$	mvn	nor \$0,
Move	$Rd = Rs1$	mov	or \$0,
Rotate right	$Rd = Rs \ll i$ $Rd_{0 \dots i-1} = Rs_{31-i \dots 31}$	ror	
And not	$Rd = Rs1 \& \sim(Rs2)$	bic	
Reverse subtract	$Rd = Rs2 - Rs1$	rsb, rsc	
Support for multiword integer add	CarryOut, $Rd = Rd + Rs1 + OldCarryOut$	adcs	—
Support for multiword integer sub	CarryOut, $Rd = Rd - Rs1 + OldCarryOut$	sbc	—

FIGURE 2.35 ARM arithmetic/logical instructions not found in MIPS.