

③

2.9.
 sll \$t0, \$s1, 2
 add \$t0, \$t0, \$s7
 lw \$t0, 0(\$t0)
 addi \$t0, \$t0, 1
 sll \$t0, \$t0, 2
 lw \$s0, 0(\$t0)

2.10 $f = 2x(\&A);$

2.23 $\$t2 = 3$

2.26 (1) $\$t2 = 20$
 (2) $i = 10;$
 do {
 $B += 2;$
 $i = i - 1;$
 } while ($i > 0$)
 (3) $5 \times N$

2.27:
 addi \$t0, \$0, 0
 beq \$0, \$0, L4
 L1: addi \$t1, \$0, 0
 beq \$0, \$0, L3
 L2: add \$t3, \$t0, \$t1
 sll \$t2, \$t1, 4
 add \$t2, \$t2, \$s2
 sw \$t3, (\$t2)
 addi \$t1, \$t1, 1
 L3: slt \$t2, \$t1, \$s1
 bne \$t2, \$0, L2
 addi \$t0, \$t0, 1
 L4: slt \$t2, \$t0, \$t0
 bne \$t2, \$0, L1

2.28. 用了 14 条 MIPS 指令

最后执行 158 条.