

DIV	SUMSQ	#100	$i_1$
*	MEAN	MEAN	$i_2$
-	$i_1$	$i_2$	$i_3$
:=	$i_3$		VARIANCE



```

LDA    SUMSQ
DIV    #100
STA    T1
LDA    MEAN
MUL    MEAN
STA    T2
LDA    T1
SUB    T2
STA    VARIANCE

```

(a)

*	MEAN	MEAN	$i_2$
DIV	SUMSQ	#100	$i_1$
-	$i_1$	$i_2$	$i_3$
:=	$i_3$		VARIANCE



```

LDA    MEAN
MUL    MEAN
STA    T1
LDA    SUMSQ
DIV    #100
SUB    T1
STA    VARIANCE

```

(b)

**Figure 5.24** Rearrangement of quadruples for code optimization.