3) $S = (a+b) * (c-d) + (a*b)$

$t_1 = a+b$

$t_2 = c-d$

$t_3 = t_1 * t_2$

$t_4 = a * b$

$t_5 = t_3 + t_4$

quadruple	result	op	arg1	arg 2
(0)	t_1	+	a	b
(1)	t_2	-	c	d
(2)	t_3	*	t_1	t_2
(3)	t_4	*	a	b
(4)	t_5	+	t_3	t_4

triple	op	arg1	arg2
(0)	+	a	b
(1)	-	c	d
(2)	*	(0)	(1)
(3)	*	a	b
(4)	+	(2)	(3)

Indirect triple

(0)	(10)
(1)	(11)
(2)	(12)
(3)	(13)
(4)	(14)

	+	a	b
(10)			d
(11)	-	c	
(12)	*	t_1	t_2
(13)	*	a	b
(14)	+	t_3	t_4

1)

S → TL
T → int float
L → L, id | id

S → TL
T → int | float
L → id L'
L' → , id L' | ε

first (S) = {int, float}
first (T) = {int, float}
first (L) = {id}
first (L') = {,, ε}

follow (S) = {$, ∈}
follow (T) = {}
follow (L) {$}
follow (L') = {$}

non terminal	Terminal				
	int	float	id	,	$
S	S → TL	S → TL			
T	T → int	T → float			
L			L → id L'		
L'				L' → , id L'	L' → ε