

### Part 6: Laboratory Questions

- 1) Explain the type of optimization you performed in this assignment and quantify the results. (Reduction in the number of temporaries, number of quads and instructions.

	HW10 TEMPS	HW11 TEMPS	HW10 QUADS	HW11 QUADS
Math24.txt	7	1	18	6
Math25.txt	5	3	21	11
Math26.txt	10	7	45	25

**Optimization was accomplished by removing the temporary operands when the next quad was using them. The results are shown in the table above.**