Team Members:

1.   2.

3.   4.

Section: TR 12:30 pm   T 6:00 pm

Team Rules:

- Work through these exercises with a team in class.

- **Only one answer sheet will be turned in.** Each member of the team will receive the same score.

Work Rules:

- Fill out your answers on the **answer sheet!**

- Write cleanly and linearly! - If I can't make sense of your solution, you won't get credit. You can also type out your answers if you'd prefer.

- <u>Write out each step</u> – If I can't see the logic you used to get from one step to another, you might get points off.

- <u>Don't scribble out cancellations</u> – I can't read that. If a numerator / denominator cancel out, or if there is a +/- that cancels out, don't scribble – just use a single slash, or add an extra step!

Grading:

Each question as a weight, and all questions can receive a score between 0 and 4:

Nothing written	Something attempted, but incorrect	Partially correct, but multiple errors.	Mostly correct, with one or two errors.	Perfect. Correct answer and notation
0	**1**	**2**	**3**	**4**

Answer Sheet

		Score			Weight

Exercise 1 (a)   0   1   2   3   4   **5%**

Exercise 1 (b)   0   1   2   3   4   **5%**

Exercise 1 (c)   0   1   2   3   4   **5%**

Exercise 2 (a)   0   1   2   3   4   **10%**

p	q		$p \land q$	$(p \land q) \rightarrow q$
T	T			
T	F			
F	T			
F	F			

Exercise 2 (b)   0   1   2   3   4   **10%**

p	q		$p \lor q$	$(p \lor q) \rightarrow q$
T	T			
T	F			
F	T			
F	F			

Exercise 2 (c)   0   1   2   3   4   10%

p	q	r		$q \rightarrow r$	$p \wedge (q \rightarrow r)$
T	T	T			
T	T	F			
T	F	T			
T	F	F			
F	T	T			
F	T	F			
F	F	T			
F	F	F			

Exercise 3 (a)   0   1   2   3   4   7%

Exercise 3 (b)   0   1   2   3   4   7%

Exercise 3 (c)   0   1   2   3   4   7%

Exercise 3 (d)   0   1   2   3   4   7%

Exercise 4 (a)   0   1   2   3   4   5%

Exercise 4 (b)   0   1   2   3   4   5%

Exercise 4 (c)   0   1   2   3   4   5%

Exercise 5 (a)   0   1   2   3   4   6%

Exercise 5 (b)   0   1   2   3   4   6%