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.
- Write out each step – If I can't see the logic you used to get from one step to another, you might get points off.
- Don't scribble out cancellations – 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

Exercise 1a **(___/2)**

B → ***A*** ↓	**3**	**4**
1		
2		

Exercise 1b **(___/2)**

A → ***B*** ↓	**1**	**2**
3		
4		

Exercise 2a **(___/2)**

A → ***B*** ↓	**1**	**3**
2		
4		
6		

Exercise 2b **(___/2)**

A → ***B*** ↓	**2**	**4**	**6**
1			
3			

Exercise 3a **(___/2)**

$A \times B$ =

Exercise 3b **(___/2)**

$A \times C$ =

Exercise 3c **(___/2)**

$B \times C$ =

Exercise 3d **(___/2)**

$C \times B$ =

Exercise 3e **(___/2)**

A^2 =

Exercise 4a $(A \times B) - (A \times C)$ **(___/2)**

Exercise 4b $(A \times C) - (A \times B)$ **(___/2)**

Exercise 4c $A \times (B \cup C)$ **(___/2)**

Exercise 4d $A \times (B \cup C) \cap (A \times B)$ **(___/2)**

.

Exercise 5 **(___/1)**

Partition 1:

Partition 2:

Exercise 6 **(___/2)**

Partition 1:

Partition 2:

Partition 3:

Partition 4:

Partition 5:

Exercise 7a **(___/1)**

Exercise 7b **(___/1)**

Exercise 7c **(___/1)**

Exercise 7d **(___/1)**

Exercise 8a **(___/2)**

Exercise 8b **(___/2)**

Exercise 8c **(___/2)**

Exercise 8d **(___/2)**

Exercise 9a $\wp(\{1,2\})$ **(___/1)**

Exercise 9b $\wp(\{3,4\})$ **(___/1)**

Exercise 9c $\wp(\{1,2,3\})$ **(___/2)**