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 1 (a)

Score: **0   1   2   3   4**   Weight: **1%**

The next number is:

How can you tell?

Exercise 1 (b)

Score: **0   1   2   3   4**   Weight: **1%**

Item number n is:

Exercise 1 (c)

Score: **0   1   2   3   4**   Weight: **0.5%**

Item 2 =

Exercise 1 (d)

Score: **0   1   2   3   4**   Weight: **0.5%**

Item 3 =

Exercise 1 (e)

Score: **0   1   2   3   4**   Weight: **1%**

Item n =

Exercise 2 (a)

			Score			Weight
0	**1**	**2**	**3**	**4**		**3%**

a_1 = a_2 = a_3 = a_4 = a_5 =

Exercise 2 (b)

			Score			Weight
0	**1**	**2**	**3**	**4**		**3%**

a_1 = a_2 = a_3 = a_4 = a_5 =

Exercise 2 (c)

			Score			Weight
0	**1**	**2**	**3**	**4**		**3%**

a_1 = a_2 = a_3 = a_4 = a_5 =

Exercise 2 (d)

			Score			Weight
0	**1**	**2**	**3**	**4**		**3%**

a_1 = a_2 = a_3 = a_4 = a_5 =

Exercise 3 (a)

			Score			Weight
0	**1**	**2**	**3**	**4**		**6%**

Closed formula:

Exercise 3 (b)

			Score			Weight
0	**1**	**2**	**3**	**4**		**6%**

Closed formula:

	Score		Weight
Exercise 4 (a)	0 1 **2** 3 4		**3%**

Closed formula:

	Score		Weight
Exercise 4 (b)	0 1 **2** 3 4		**3%**

Closed formula:

	Score		Weight
Exercise 4 (c)	0 1 **2** 3 4		**3%**

Closed formula:

	Score		Weight
Exercise 4 (d)	0 1 **2** 3 4		**3%**

Closed formula:

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

Closed formula:

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

Closed formula:

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

Closed formula:

Exercise 5 (d)   Score 0 1 2 3 4   Weight **3%**

Closed formula:

Exercise 6 (a)

	Score				Weight
0	**1**	**2**	**3**	**4**	**3%**

Recursive formula: $a_1 =$

$a_n =$

Exercise 6 (b)

	Score				Weight
0	**1**	**2**	**3**	**4**	**3%**

Recursive formula: $a_1 =$

$a_n =$

Exercise 6 (c)

	Score				Weight
0	**1**	**2**	**3**	**4**	**3%**

Recursive formula: $a_1 =$

$a_n =$

Exercise 6 (d)

	Score				Weight
0	**1**	**2**	**3**	**4**	**3%**

Recursive formula: $a_1 =$

$a_n =$

		Score			Weight

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

Recursive formula: $a_1 =$

$a_n =$

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

Recursive formula: $a_1 =$

$a_n =$

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

Recursive formula: $a_1 =$

$a_n =$

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

Recursive formula: $a_1 =$

$a_n =$

		Score			Weight

Exercise 8 (a)   0   1   2   3   4   **3%**

Recursive formula: $a_1 =$

$a_n =$

		Score			Weight

Exercise 8 (b)   0   1   2   3   4   **3%**

Recursive formula: $a_1 =$

$a_n =$

		Score			Weight

Exercise 8 (c)   0   1   2   3   4   **3%**

Recursive formula: $a_1 =$

$a_n =$

		Score			Weight

Exercise 8 (d)   0   1   2   3   4   **3%**

Recursive formula: $a_1 =$

$a_n =$

					Score				Weight
Exercise 9 (a)				**0**	**1**	**2**	**3**	**4**	**6%**

$a_1 =$ $a_2 =$ $a_3 =$ $a_4 =$

$a_5 =$ $a_6 =$ $a_7 =$

The result of the sum is:

					Score				Weight
Exercise 9 (b)				**0**	**1**	**2**	**3**	**4**	**6%**

$a_1 =$ $a_2 =$ $a_3 =$ $a_4 =$

$a_5 =$ $a_6 =$ $a_7 =$ $a_8 =$

$a_9 =$

The result of the sum is: