ASSIGNMENT 5

DMC (Discrete Mathematics and Computing) is the class textbook.

Warm Up (do before recitation lab)

1. DMC Problem 5.8(e)
2. DMC Problem 5.9(j)
3. DMC Problem 7.7(a)
4. DMC Problem 7.4(c)
5. DMC Problem 7.12(a)
6. DMC Problem 8.6(a),(b)

Recitation Lab (TA will work these out in lab)

1. DMC Problem 7.12(b)
2. DMC Problem 8.6(c)–(e)
3. DMC Problem 8.8
4. DMC Problem 9.2(e)
5. DMC Problem 9.22

Hand in Problems

1. [20] DMC Problem 8.11
2. [20] DMC Problem 9.2(g)
4. [20] DMC Problem 8.9(c)
5. [20] DMC Problem 9.15

Pattern recognition in math.

The TA was explaining limits to a student using an example: \( \lim_{x \to 8} \frac{1}{x - 8} = \infty. \)

The TA then tested the student’s understanding on a problem and this was the result: \( \lim_{x \to 5} \frac{1}{x - 5} = \infty. \)