Part 1: Individual Work:

Directions: For each problem below, set up, and fill in with numbers, but DO NOT evaluate and DO NOT simplify, like $\ln|5 - 3|$.

1. $\int_0^2 x^2 \, e^{x^2} \, dx$ using LEFT(2).

2. $\int_0^{13} f(x) \, dx$ as pictured in the table, using TRAP(1).

x	0	3	7	13
f(x)	10	15	18	21

3. Sketch a graph of x^2 from $x = -1$ to $x = 0$ as well as a sketch of LEFT(2).

4. If a function is decreasing and concave up, create a ranking, from smallest to largest: LEFT(n), RIGHT(n), the integral of the function, MID(n), TRAP(n)

Part 2: Group Work:

Appalachian's General Education Program prepares students to employ various modes of communication. Successful communicators interact effectively with people of both similar and different experiences and values.

1. First, swap papers with a neighbor or two.
2. Look through your neighbor's paper and circle anything that differed from your paper or that you have a question on.
3. Next, hand back the paper.
4. Discuss.