

6. Section 5.5 # 12, 16, 18, 24
7. Section 5.10 # 10, 24, 26, 70
8. Section 6.1 # 62, 68
9. Section 6.2 # 100
10. (These problems are *not* to be turned in, but please make sure you can solve them BEFORE the final exam!)
 - (a) Graph the function $f(x) = 1 - |x|$, and compute the definite integral $\int_{-2}^{0.5} f(x)dx$.
 - (b) (Write your own problem!) Give an example of a definite integral of a non-constant function, for which the Riemann-sum approximation by $\frac{\text{positive number, at least 4}}{\text{number}}$ rectangles and left endpoints is equal to $\frac{\text{number}}{\text{number}}$.
 - (c) Section 6.2 # 1, 7, 15, 19, 27, 35, 39, 45, 51, 57, 61, 65, 67, 69, 75, 77, 81, 87, 97, 99, 105, 109, 113, 119