

Homework 21

Use a Riemann sums and the properties from this chapter to compute the following integrals. (You will also need to use the formulas from homework 20.)

1. $\int_{-1}^3 x^2 dx$

2. $\int_1^4 x + 1 dx$

3. $\int_0^2 x^2 + x dx$

4. $\int_0^2 4x^2 - 3 dx$

5. $\int_0^2 x^2 + 2x - 1 dx$