1. A paraglider starts a flight in the mountain. The velocity is given in the above graph. Find out, whether the paraglider lands lower or higher than where it started. 

   Hint: To estimate integrals take the average of the number $A$ of squares entirely below the graph and the number $B$ of squares containing part of the region below the graph. The result $A + B$ is a good estimate for the area below the graph.

2. Review: Integrate $x^{1/3} \log(x) \, dx$

3. Review: Integrate $\log(x^5)(1/x) \, dx$