

You will have a short quiz on Tuesday, February 27 that will include exercises similar to some the following questions. You do not need to turn in your answers to these questions.

Drill Section 13.2.

- Review: Calculating integrals that require simplification before you can use the power rule; substitution will not work on these. Page 378, exercises #33,34,37,38,39,40.
- State the definitions for the expected value, variance and standard deviation for a continuous random variable.
- Calculate the expected value, variance and standard deviation for a continuous random variable. Page 744, exercises #1-8.
- Calculating the above, plus the probability that the random variable is greater than the mean. Exercises 11-13 page 744.
- Review: Vertex of a quadratic function (the questions also ask for x and y intercepts, but only the vertex and the direction in which the parabola opens might be on the quiz). Exercises 8-19 page 50.