You may have 30 minutes to do this quiz. You should not use any books or notes while you do the quiz nor discuss the quiz with anyone. You may use your calculator. Indeed - you should use your calculator because it will be hard to do without it. Show your work clearly.

Use the trapezoid rule with n = 6 intervals to estimate the integral $\int_{0}^{1} \cos(x^2) \, dx$. Make a sketch to illustrate your calculation.

Self evaluation: (Circle) Rate your level of understanding of the material on the quiz:

Mastery  Tentative  Unsure