

## 5.5 Group Activity Problems



**45–74. Definite integrals** Use a change of variables or Table 5.6 to evaluate the following definite integrals.

42.  $\int (x^{3/2} + 8)^5 \sqrt{x} \, dx$

66.  $\int_1^{e^2} \frac{\ln p}{p} \, dp$

70.  $\int_{-1}^1 (x - 1)(x^2 - 2x)^7 \, dx$