Quiz 15 (Problems)

1. For the integral $\int_0^4 \int_{x^2}^{4x} (6x + 12y) dy\ dx$,
   a. evaluate.
   b. rewrite by reversing the order of integration.

Quiz 15 (Answers)

1. (Math-252 Quiz 15)

   a. $\frac{4736}{5}$

   b. $\int_0^{16} \int_{\frac{1}{4}y}^{\sqrt{y}} (6x + 12y) dx\ dy$