

**Answer Key – Multiple-Choice Test – Chapter 7 Background
Autar Kaw**

1 – A – Area under the curve from a to b

$$2 - D - \frac{\int_a^b f(x)dx}{(b-a)}$$

3 – B – 11.807

4 – C – 2.7907

$$5 - C - 4 \int_0^a \sqrt{a^2 - x^2} dx$$

$$6 - D - 2\pi \int_0^a v(r)rdr$$

Source URL: <http://numericalmethods.eng.usf.edu/>
Saylor URL: <http://www.saylor.org/courses/me205/>

Attributed to: University of South Florida: Holistic Numerical Methods Institute



Saylor.org

Page 1 of 1