Homework 12 (Chap. 5.4), 48.00/80.00 (60.00%)

November 23, 2019

Problem 4 score: 9/10[1]

ok, but I deduce one point because you forgot to write $\frac{2}{15b^2}$ and wrote $\frac{2}{15b}$ in one place.

Problem 10 score: 0/10[2]

NOT ok

$$\int t^2\sqrt{t}dt \neq \frac{2t\sqrt[3]{t}}{7}\left(=\frac{2t^{7/2}}{7}\right)$$

and you forgot to add $+C$.

Problem 16 score: 9/10[3]

OK, but you forgot to add $+C$.

Problem 27 score: 0/10[4]

NOT ok

$$\cos x\,|_0^\pi \neq -1+1\,(=-1-1)$$

Problem 34 score: 0/10[5]

Not OK. You had to evaluate the $\int_0^1$ integral, not $\int_0^t$.

Problem 46 score: 10/10

OK

[1] similar problems: 5,6
[2] similar problems: 11,12
[3] similar problems: 17,18
[4] similar problems: 28,29
[5] similar problems: 35,36

Problem 50 score: 10/10

OK. nice.

Problem 68 score: 10/10

OK, but you need to specify that you approximate the value of the integral using the Midpoint Rule with 4 subintervals and $\Delta t = 1$.