

Math 191-DX01
Assignment 6

Deadline: Thurs Nov 12, 2:30pm Pacific Time
Submit on D2L or email HowardL@camosun.ca

Number of Questions: 2
Total Marks: 6

Show all your work for full marks.

You MAY use the course website (notes, videos etc)

You may NOT copy from others (classmates, tutors, Chegg etc)

Submit jpg or pdf files

Feel free to handwrite your solutions and take photos of your work

Covers Sections 25.1 and 25.2

1. [4 marks] Evaluate:

a) $\int (3x^3 - 6x + 7)dx$

b) $\int 9x^{\frac{3}{2}}dx$

c) $\int \frac{8}{x^2}dx$

d) $\int \frac{4}{\sqrt{x}}dx$

2. [2 marks] Evaluate $\int \frac{8x-8}{(x^2-2x)^3}dx$