

MATH 152 Quiz 2

Class time:

Name:

Student number:

Show all work. 5 points each.

- 1) Use integration by parts to find the integral. Make sure you indicate what u , du , v and dv are.

$$\int x \ln(x) dx$$

- 2) Finding the volume of the solid of revolution found by rotating about the x -axis the region bounded by $f(x) = \sqrt{x}$, $y = 0$, $x = 1$, $x = 2$.