

Calculus 1B Quiz 11

Name:

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Student ID:

1. (2 points) Integrate

$$4 \int \frac{\sqrt{-x^2 - 6x - 5}}{x^2 + 6x + 9} dx$$

(turn over)

2. (1 point) Find a general solution to

$$y'' - y = e^x$$

using variation of parameters.