

Name _____ Class _____ Date _____

Worksheet #2 - The First Three Minutes (Substitution Rule)

Exercise 1 - Fill in the blank portions of the following sentences. Note that the subject and the variable used completely determine whether an integral is or is not a definite integral.

11. My teacher left his keys _____.
12. Mount Rushmore is a part of the _____.
13. My car left the gas tank _____.
14. The distance between two cities _____.
15. The area under the graph of the function $f(x) = x^2$ _____.
16. The area under the graph of the function _____.
17. The length and width of the park _____.
18. A car's speed is measured _____.
19. A car's acceleration is measured _____.
20. A car's position is measured _____.

Exercise 2 - Fill in the answers to Exercise 1 completely. Be sure to use the integral _____.

	True or False	Comments
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