

Quiz - Topic Name

Course Name

Name: _____

Date: _____

Instructions: Answer all questions. Show your work for full credit. Time limit: 20 minutes.

1. **(5 points)** Multiple Choice: What is $2 + 2$?

(a) 3

(b) 4

(c) 5

(d) 6

2. **(10 points)** True or False: The derivative of x^2 is $2x$.

3. **(15 points)** Short Answer: Solve for x :

$$3x + 7 = 22$$

4. **(20 points)** Show your work: Evaluate the integral:

$$\int_0^1 2x dx$$

5. **(10 points)** Explain in one sentence: What is the Pythagorean theorem?