

SCORE: \_\_\_\_\_ / 30 POINTS

**SHOW ORGANIZED & PROPER WORK (INCLUDING SANITY CHECKS)  
& SIMPLIFY YOUR FINAL ANSWER TO RECEIVE FULL CREDIT**

- ▶ Sign below to confirm that the work shown on this quiz is strictly your own work.
- ▶ You may have consulted your textbook, your notes and the class handouts, and used your calculator,
- ▶ but you did NOT consult other people, websites, software or other outside sources of help.

SIGNATURE: \_\_\_\_\_

Evaluate  $\int m^{-4} (\ln m)^2 dm$ .

SCORE: \_\_\_\_\_ / 4 PTS

Evaluate  $\int \sin^9 r \cos^5 r dr$ .

SCORE: \_\_\_\_\_ / 4 PTS

Evaluate  $\int \frac{8x^2 + 11x - 6}{x^3 + 2x^2 - 4x - 8} dx$ .

SCORE: \_\_\_\_\_ / 5 PTS

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Evaluate  $\int x^2 \sqrt{x^2 - 9} \, dx$ .

**SCORE: \_\_\_\_ / 6 PTS**

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Evaluate  $\int \frac{\sin 3t}{e^{2t}} \, dt$ .

**SCORE: \_\_\_\_ / 5 PTS**

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Evaluate  $\int \frac{3x^2 + 26}{x^3 + 4x^2 + 13x} \, dx$ .

**SCORE: \_\_\_\_ / 6 PTS**

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