

Name: _____

Instructor: _____

Math 10560, Exam 1

- The Honor Code is in effect for this examination. All work is to be your own.
- No calculators.
- The exam lasts for 1 hour and 15 min.
- Be sure that your name is on every page in case pages become detached.
- Be sure that you have all 4 pages of the test.

Please do NOT write in this box.

1. _____

2. _____

Total _____

Name: _____

Instructor: _____

Partial Credit

You must show your work on the partial credit problems to receive credit!

1.(11 pts.) Find the integral

$$\int \frac{3x + 1}{x^3 + x^2} dx.$$

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2.(11 pts.) Calculate the integral

$$\int \frac{dx}{x + \sqrt[3]{x}}.$$

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Instructor: ANSWERS

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