## Review for Test 4

Exam 4 will test the following concepts:

1. Techniques of Integration (55\%)

- Trig substitution and trig integrals.
- Integration by parts.
- Partial fractions.

2. Parametric Curves (45\%)

- Arc length.
- Area of surfaces of revolution.
- Polar coordinates, including area.

There are six problems on the test; they are somewhat similar to the questions on the sample test.

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### 18.01SC Single Variable Calculus] []

Fall 2010 ㅁ

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