

**Math 141**

**name** \_\_\_\_\_

**Quiz 1 A**

**January 15, 2016**

**id#**    \_\_\_\_ - \_\_\_\_ - \_\_\_\_ - \_\_\_\_

**NO Calculators, don't need them.**

1. Find the indefinite integral.  $\int \frac{1}{\sqrt{1-x^2}} dx$

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2. Find the indefinite integral.  $\int \frac{x}{x^2+5} dx$

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3. Find the indefinite integral.  $\int \left( \frac{1-\sin x}{\cos^2 x} \right) dx$