- Put away all material and set a timer for 15 minutes. (You will have 15 minutes for this quiz in class.)
- Go to your math mentors study hours to check your answers.

Practice Quiz: Basic Integrals, Fall 2017	Version: 1
Name (Print):	RIN:
Math 1	Mentor Name:
Rules: Notes, calculators, cell phones and headphones are n	not allowed.
Honor Code Pledge: I did not violate any rules on this quiviolating rules on this quiz.	
Instructions: Put your final answer in the box shown. No the box will be graded.	partial credit will be given and nothing outside
1. Express the indefinite integral $\int 8 (\sec(t))^2 dt$ in term denote an arbitrary constant.	as of elementary functions. Use the symbol C to
2. Express the indefinite integral $\int \frac{4x^5 + 5x^4 + 3}{x} dx$ in C to denote an arbitrary constant.	terms of elementary functions. Use the symbol

3. Express in simplified form the value of	$\int_0^1 \left(2 x^{\frac{5}{2}} + x^{\frac{2}{3}}\right) dx$
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4. Express the indefinite integral $\int (2x+2) (x^2+2x+4)^5 dx$ in terms of elementary functions. Use the symbol C to denote an arbitrary constant.



5. Express the indefinite integral $\int 7 x^3 e^{-x^4} dx$ in terms of elementary functions. Use the symbol C to denote an arbitrary constant.

