Math 10A with Professor Stankova
Worksheet, Discussion \#15; Friday, 9/29/2017
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## Anti-Derivatives

## Example

1. Find an antiderivative of $\frac{1}{2 x}$.

## Problems

2. Find an antiderivative of $5 e^{x}$.
3. Find an antiderivative of $x+\sqrt{x}$.
4. Find an antiderivative to $8 t^{3}+15 t^{2}$.
5. Find an antiderivative to $e$.
6. Find an antiderivative to $\cos u$.
7. Find an antiderivative to $\sin (2 t)$.
