

Name: _____

MAT 181 Section 050
Some Indispensable Indefinite Integrals
November 22, 2013

1. $\int x^5 dx =$

8. $\int \cos(2x) dx =$

2. $\int \frac{1}{x^8} dx =$

9. $\int \sec^2 x dx =$

3. $\int \csc x \cot x dx =$

10. $\int \pi^2 dx =$

4. $\int \pi^x dx =$

11. $\int \sec x \tan x dx =$

5. $\int \csc^2 t dt =$

12. $\int x^\pi dx =$

6. $\int \sin x dx =$

13. $\int e^{7x} dx =$

7. $\int \tan x dt =$