

Math 132 - Integration Review/Practice

February 25, 2020

1. $\int \frac{2x - 9}{\sqrt{x^2 - 9x + 1}} dx$

2. $\int \frac{dx}{\sqrt{8x - x^2}}$

3. $\int (\sec x + \tan x)^2 dx$

4. $\int \frac{3x^2 - 7x}{3x + 2} dx$

5. $\int \frac{3x + 2}{\sqrt{1 - x^2}} dx$

6. $\int \frac{e^x}{1 + e^x} dx$

7. $\int x \left(1 + \frac{1}{x}\right)^3 dx$