> Please show **all** your work! Answers without supporting work will not be given credit.
> Write answers in spaces provided.

Name:_____

1. Evaluate the following integrals:

   (a) [**5 pts**] $\displaystyle\int_4^9 \frac{2x^3 + \sqrt{x}}{x^2}\,dx$

   (b) [**5 pts**] $\displaystyle\int_0^{\pi/2} \left(7\sin(x) + 6\csc(x)\cot(x)\right)\,dx$

2. [**2 pts**] Bonus Question: Is this your last math class?