Name:	Exercise Type (Cost):
J#:	**In-Class (1AP)**
Date: **2017 June 06**	

Standard: This student is able to...	Mark:
C01: LogExpDerInt. Find derivatives and integrals involving logrithmic and exponential functions.	
3/4 ⋆ reattempt due on:	

Prove that $\int (2ye^{y^2} + \frac{4}{y})\,dy = e^{y^2} + 4\ln|3y| + C$.

Name:	Exercise Type (Cost):
J#:	**In-Class (1AP)**
Date: **2017 June 06**	

Standard: This student is able to...	Mark:
S01: LogExpPrf. Derive properties of the logarithmic and exponential functions from their definitions.	
2/3 ⋆ reattempt due on:	

Use the definitions $\log_b x = \frac{\ln x}{\ln b}$ and $b^x = \exp(x \ln b)$ to prove the property $x = \log_b(b^x)$. (That is, prove that $\log_b x$ and b^x are inverse functions.)

Name:	Exercise Type (Cost):
J#:	**In-Class (1AP)**
Date: **2017 June 06**	

Standard: This student is able to...	Mark:
C02: HypDerInt. Find derivatives and integrals involving hypberbolic functions.	
1/3 ⋆ reattempt due on:	

a) Find $\frac{d}{dx}[\cosh(3x^2+7)]$.

b) Find $\int(5\operatorname{sech}^2(x)-4\operatorname{csch}(x)\coth(x))\,dx$.