Name:	Exercise Type (Cost):
J#:	**In-Class (1AP)**
Date: **2017 June 15**	

Standard: This student is able to...	Mark:
S04: TrigSub. Use trigonometric substitution.	
3/3 $\star$ reattempt due on:	

Find $\displaystyle\int \frac{x}{4-x^2}\, dx$ using the trigonometric substitution $4 - x^2 = 4 - 4\sin^2\theta$ and the integral $\int \tan\theta\, d\theta = -\ln|\cos\theta| + C$.

Name:	Exercise Type (Cost):
J#:	**In-Class (1AP)**
Date: **2017 June 15**	

Standard: This student is able to...	Mark:
S05: PartFrac. Use partial fractions to integrate rational functions.	
2/3 ⋆ reattempt due on:	

Expand $\dfrac{3x^2 - 2x + 3}{(x^2 + 1)^2}$ using partial fractions. Do not integrate.

Name:	Exercise Type (Cost):
J#:	**In-Class (1AP)**
Date: **2017 June 15**	

Standard: This student is able to... **C04: IntParts.** Use integration by parts. 1/4 $\star$ reattempt due on:	Mark:

Find $\int 3x^2 e^x \, dx$.