Name:	Exercise Type (Cost):
J#:	**In-Class (1AP)**
Date: **2017 July 18**	

Standard: This student is able to...	Mark:
C10: Polar. Convert and sketch polar and Cartesian coordinates and equations.	
Extra1 ⋆ reattempt due on:	

Sketch the circle defined by $x^2 + (y-3)^2 = 9$. Then find a simplified polar equation that describes the same circle.

Name:	Exercise Type (Cost):
J#:	**In-Class (1AP)**
Date: **2017 July 18**	

Standard: This student is able to...	Mark:
S12: IntTest. Use the integral test to determine series convergence.	
3/3 ⋆ reattempt due on:	

Does $\int_{11}^{\infty} \frac{1}{x(\ln x)^2}\,dx$ converge or diverge?

Does $\sum_{k=4}^{\infty} \frac{1}{k(\ln k)^2}$ converge or diverge?

Name:	Exercise Type (Cost):
J#:	**In-Class (1AP)**
Date: **2017 July 18**	

Standard: This student is able to...	Mark:
S13: RatioRoot. Use the ratio and root tests to determine series convergence.	
2/3 ⋆ reattempt due on:	

Recall that $e^x = \lim_{n\to\infty}(1+x/n)^n$. Does $\displaystyle\sum_{k=3}^{\infty}\left(1-\frac{2}{k}\right)^{2k^2} = (1/3)^{18}+(1/2)^{32}+(3/5)^{50}+\ldots$ converge or diverge?

Name:	Exercise Type (Cost):
J#:	**In-Class (1AP)**
Date: **2017 July 18**	

Standard: This student is able to...	Mark:
S14: CompTests. Use the comparison tests to determine series convergence.	
1/3 ⋆ reattempt due on:	

Does $\displaystyle\sum_{n=0}^{\infty}\frac{2^n}{4^n+\sqrt{n}}=1+\frac{2}{5}+\frac{4}{16+\sqrt{2}}+\ldots$ converge or diverge?