Calculus ABC Test II—Version 7774	Name:
Lecture section:	Student Number:
PUT ANSWERS IN BOXES. NO BOOKS/NOTES/Ca Simplify answers where possible. Include units where ne	
1. Find the equation of the line through the point (-2,4 with slope -2 in <i>slope-intercept</i> form.	
2. Find the value of:	
$\arccos\left(\frac{-\sqrt{2}}{2}\right)$	
3. Solve for t : $2t^2 = 5t$	
4. Rewrite by completing the square: $t^2 - 6t + 3$	
5. Find the value of: $\cos\left(\frac{4\pi}{3}\right)$	
6. Solve for t : $2e^{4t} = 3$	
7. Graph the function $y = \ln(x)$. Label with the following values (if applicable): each intercept, location of each asymptote, and (x, y) coordinate of each min and max. Also include the coordinates of one other point.	s
8. Solve for z : $7^{z+2} = 3$	
9. If $f(t) = 6t^5 - 2t^4 + 8t^3 + 9$, find $f'(t)$.	

