Week 4: Assignment 4 (Non Graded) Assignment not submitted

Assignment not submitted Note: This assignment is only for practice purpose and it will not be counted towards the Final score	
1) Which of the following plots is useful for visualizing the optimization problem?	point
 Scatter plot Box plot Contour plot Bar plot No, the answer is incorrect. Score: 0 	
Accepted Answers: Contour plot	
$\bigcirc 20x^3-90x^2-80=0$ \bigcirc	point
$egin{array}{c} 20x^3 - 80x^2 - 90x = 0 \ & localebox{0} \ 20x^2 - 90x^2 + 80 = 0 \ & localebox{0} \ \end{array}$	
$20x^3-90x^2+80x=0$ No, the answer is incorrect. Score: 0 Accepted Answers: $20x^3-90x^2+80x=0$	
□ 4 □ 0.2 □ 3.28 □ 0 No, the answer is incorrect.	point
Score: 0 Accepted Answers: 3.28	
4) The maximization of a function $f(ar x)$ is equal to the of the function - $f(ar x)$	point
 First derivative Second derivative Minimization Maximization 	
Yes, the answer is correct. Score: 1 Accepted Answers: Minimization	
5) For a function $f(x)=3x^4-4x^3-12x^2+45$, which of the following are stationary points and minimisers of $f(x)$	point
 0,-2.5 2, -1 0.25,2 2, -2.5 No, the answer is incorrect. Score: 0 	

Accepted Answers:

2, -1

Check Answers and Submit

Your score is: 1/5