Name	No calculators. Present neatly. Score
1)	
Find the equations of all lines through the origin that are tangent to the curve $y = x^3 - 9x^2 - 16x$.	

Course: AP Calculus BC | Quiz: 9 | Instructor: D. Shubleka

Your work:

Name	No calculators. Present neatly. Score
1)	
1)	
Find all values of x for which the tangent line to the curve	
$y = 2x^3 - x^2 \text{ is perp}$	pendicular to the line $x + 4y = 10$.
Your work:	