In\_Class\_Test\_Questions

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1. Find the derivative of the following equations
2. Find the second derivative of the following
3. What does the second derivative tell us about the rate of change in each of teh examples from question 2?
4. Given the following equations for total revenue and total costs, find the marginal rates and use them to find the profit maximising level of output.
5. Find amout of labour input that will maximise output with the following function for total physical product.

This can be factorised, but the equation for solving the quadratic is