**Mathematics in Economics - REPETITION**

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| 1. The domain of a function of the form is equal to the set: |
| 1. For a cubic function defined as specify the value of the first derivative at point *x* = 2. |
| 1. The quadratic function of the form has an extreme point: |
| 1. Solve the system of two equations in : |
| 1. For a sequence determined by the *n*-th member   , calculate the tenth member. |
| 1. Calculate the limit . |
| 1. Calculate the multiplication of matrices |
| 1. Calculate: . |
| 1. Calculate: . |
| 1. The set of all real solutions to inequality is: |
| 1. Let ; be two intervals. Find an intersection of these two intervals: |
| 1. Write down the elements of a set: . |
| 1. Calculate |