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| Math216, HW10 |  |  | Section:21/22/23/24 |
| Name: |  | UMID: |  |

**Question 1a: the correct answer is: (1) (2) (3) (4)**

 **Question 1b: Fill the table, show your work!**

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| --- | --- | --- | --- |
| **Critical point** | **Eigenvalues:** | **Choose center\spiral\node\saddle** | **Stable/Unstable** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Show your work:

**Question 2: Box/Emphasize your final answer.**