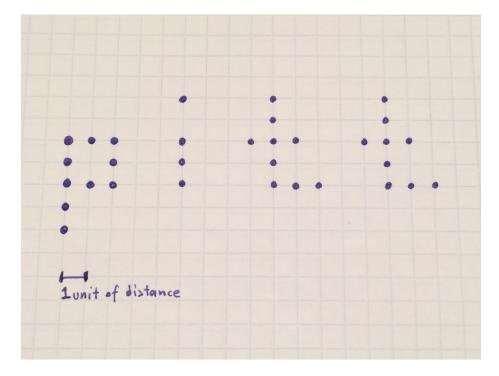
## **CS 1656 –** Introduction to Data Science – Fall 2016 Prof. Alexandros Labrinidis – Department of Computer Science – University of Pittsburgh

## 07 – Data Mining (Data Clustering) – Sep 21, 2016

Assume the following points drawn on a grid.



(Q3) How many clusters will DBSCAN create, if e=2 (radius) and min\_points = 3?

(Q4) How many points will DBSCAN label as **noise**, if **e=2** (radius) and **min\_points = 3**?

(Q5) How many clusters will DBSCAN create, if e=2 (radius) and min\_points = 5?

(Q6) How many points will DBSCAN label as **noise**, if **e=2** (radius) and **min\_points = 5**?

(Q7) How many clusters will DBSCAN create, if e=5 (radius) and min\_points = 2?