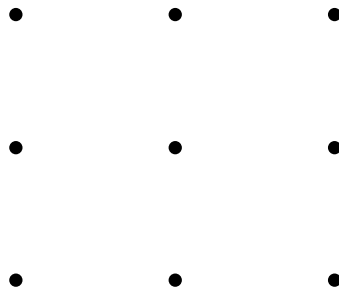


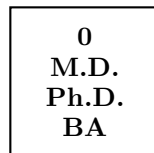
WHAT IS MATH?

Begin working on this as I am taking attendance and doing add cards. We will go over it later in class today and also at our next class meeting. When we go over it together I will be using it to express my view of mathematics, a view that I hope will be helpful to you. Once this is returned, keep it in your notebook throughout the semester as a reminder.

- 1) Without lifting your pencil from the paper and without retracing any of your lines, connect all 9 dots below using exactly 4 straight lines.



- 2) Determine the common word or phrase represented by each box below. For example, the first box represents the phrase “reading between the lines.”



- 3) How many **SQUARES** of any size are there in this diagram? The answer is **not** 25, and it is **not** 26. It is larger than either of those numbers. Remember the **SQUARES** can be of any size, and your goal is to find and count all of them. (Recall that a **square** is a four-sided figure that has the same height and width.)

