Please answer the questions below to the best of your ability either in the space provided. Everything should be scanned or photographed and submitted through gradescope.com. See instructions for getting added to the gradescope class.
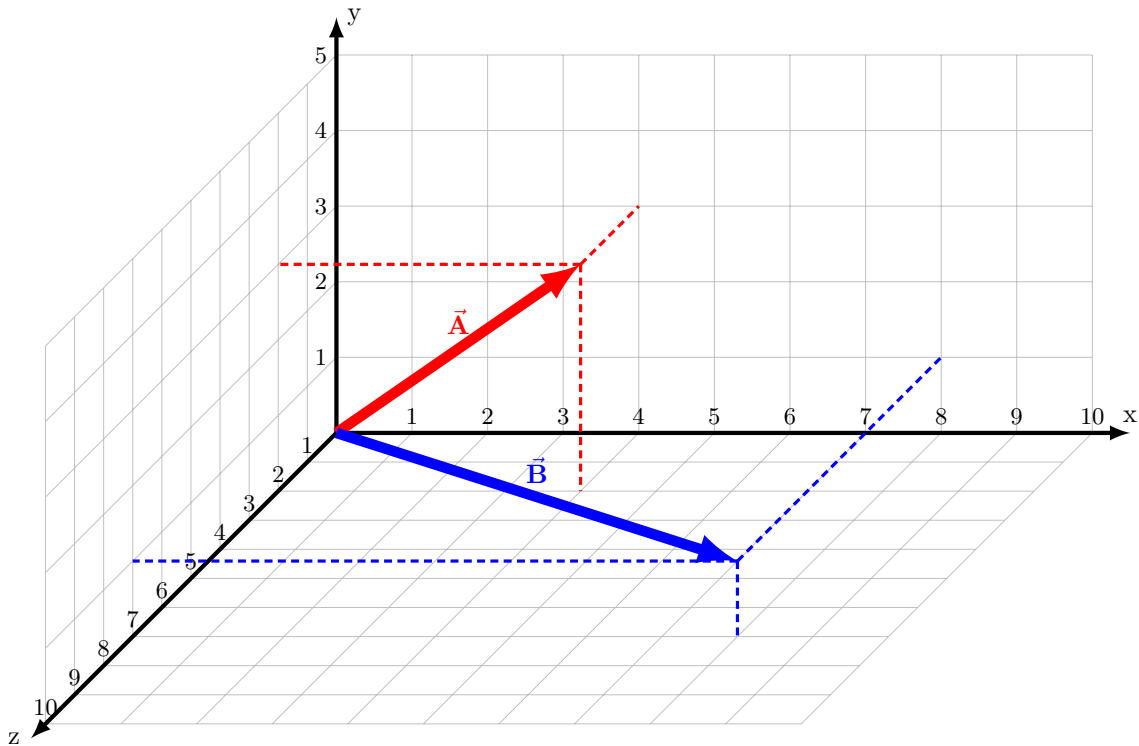
> **Objective:** *I have read and understand the contents of the course syllabus.*

1. Having read over the course syllabus, answer the following:

(2)   (a) What should you do if you know you are going to miss lab some week?

(1)   (b) How many unpenalized late days of work can you have throughout the semester?

(1)   (c) Test 3 will be over what chapters?

Objective: *I understand basic vector notation and can perform simple vector calculations.*

2. Use the figure below to answer the following:

(2)   (a) Write out the vectors $\vec{A}$ and $\vec{B}$ in $\langle x, y, z \rangle$ notation.

(2)   (b) What is the resulting vector of $2\vec{A} + \vec{B}$?

(2)   (c) What is the magnitude of vector $\vec{B}$?

(2)   (d) Sketch in on the plot above the vector $\vec{B} - \vec{A}$.