

1. Study the material from Sections 2.1 - 2.5 (including the examples) and the corresponding lecture notes and videos. Only after doing this, attempt the following exercises.
2. Watch the first two videos (Essence of Linear Algebra; Vectors) from here:
<https://www.3blue1brown.com/essence-of-linear-algebra-page>
3. Solve the following exercises (unless otherwise noted, please complete all parts of each problem):
 - Section 2.1 (page 46): # 19 b d e f
 - Section 2.2 (page 62): # 3 a b, 4
 - Section 2.3 (page 75): # 1 a b c, 6 a, 7, 8a, 22a
 - Section 2.4 (page 91): # 3 a, 5 b, 9 a b c
 - Section 2.5 (page 100): # 1 a b, 5 a

Start by copying the exercise from the text, followed by a neatly and clearly written (or typed) solution containing enough details so that if a student in our class reads your solution, they can make sense of it without additional explanations (see HW rubric on Canvas). Be sure to use complete sentences in your responses.