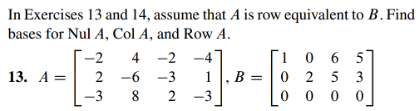
**Math 220  
4.3: Linearly Independent Sets; Bases  
Questions for flipped class**

Key Terms:

A base satisfies what two conditions:

(4.3.1)



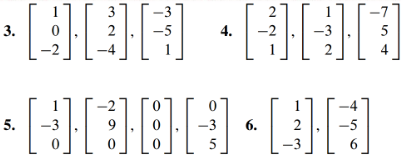


Note: An example of a row vectors is: . Notice that we use parenthesis instead of brackets and include commas between the entries.

(4.3.2)



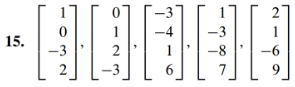
Note: “Bases” is the plural of “basis.”



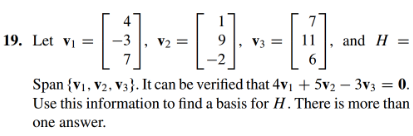
**More Practice is *Recommended***

(4.3.3)



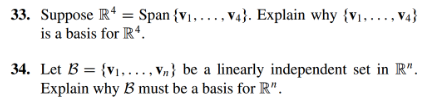


(4.3.4)

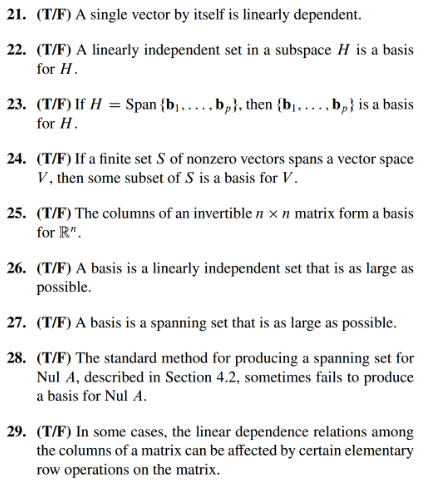


**Theory Questions**

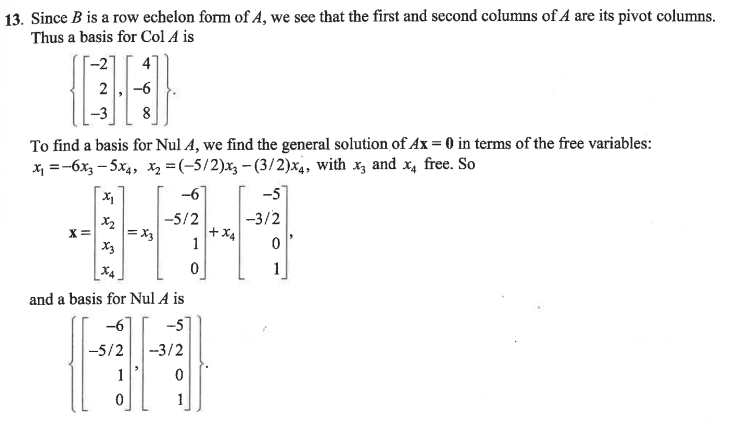
(4.3.5)



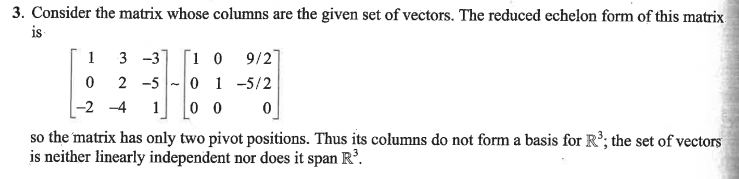
(4.3.6)

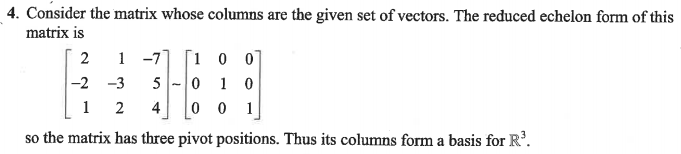


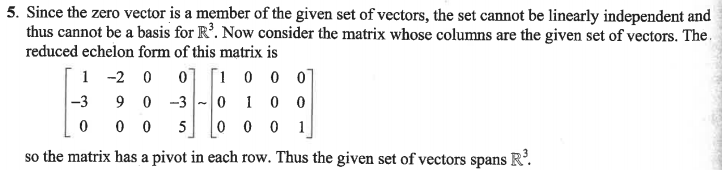
(4.3.1 solution)

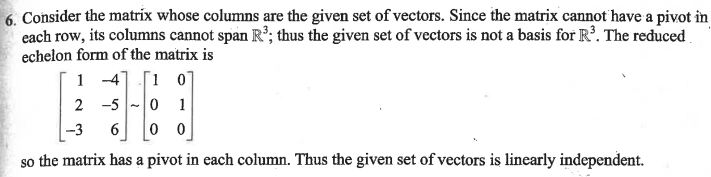


(4.3.2 solution)

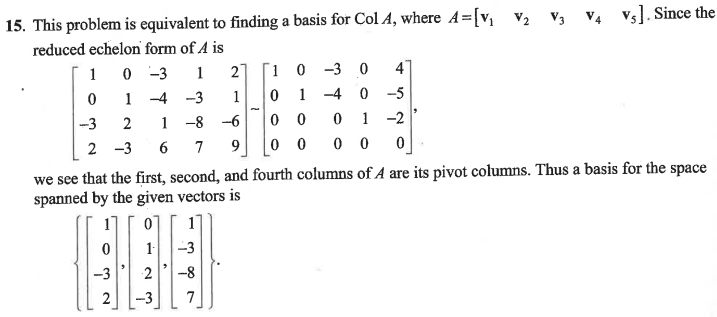




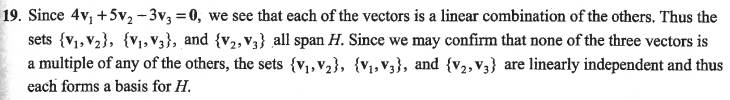




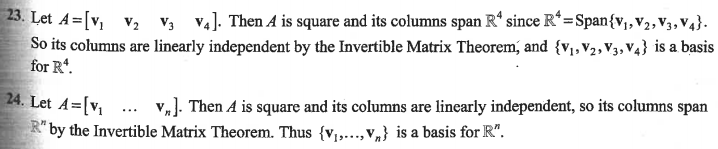
(4.3.3 solution)



(4.3.4 solution)



(4.3.5 solution)



(4.3.6 solution)

