**Math 220
1.6: Applications of Linear Systems
1.7: Linear Independence
Questions for flipped class**

(1.6-7.1)





(1.6-7.2)





 (1.6-7.3)



(1.6-7.4)





(1.6-7.5)

True or false. If it is false, provide a counter example (a specific example that shows that the statement isn’t always true).



(1.6-7.6)



(1.6-7.1 solution)



(1.6-7.2 solution)



**16.** Lin dep. **18**. Lin. Dep. **20.** Lin dep.

(1.6-7.3 solution)



(1.6-7.4 solution)



(1.6-7.5 solution)



False, for example the vectors could be e1, e2, e3, and e1. This is a linearly dependent set.

 (1.6-7.6 solution)

