Activity Set 8.3: \# $5 \quad(14 / 14)$

| Understanding | Accuracy | Communication | Presentation | Total |
| :---: | :---: | :---: | :---: | :---: |
| 2 | a) 2 b) 2 c) 2 d) 2 | 2 | 2 | 14 |

5. Without using formulas, explain how you can determine each of the following.
a. If I have 10 people, how many different committees of 3 people can be formed?
b. Does order matter or not for part a? Explain.
c. If I have 10 people, how many different committees of 3 people can be formed for the offices of president, vice-president, and secretary?
d. Does order matter or not for part c? Explain.
