

Quiz #8

Points: There are two problems on this quiz; each is worth 5 points.

1. A student council consists of 7 students. In how many ways can a committee of 4 be selected from the membership of the council? Show your work and simplify your answer.

Answer:

2. A student council consists of 7 students. Two council members have the same major and are not permitted to serve together on a committee. How many ways can a committee of 4 be selected from the membership of the council? Show your work and simplify your answer.

Answer: