國立成功大學八十一學年度碩士班考試(部散教學試題) 共了頁

- 6. A survey of 500 television watchers produced the following information:
 - 285 watch football games. 195 watch hockey games.
 - 115 watch basketball games.
 - 45 watch football and basketball games.
 - 70 watch football and hockey games.
 - 50 watch hockey and basketball games.
 - 50 do not watch any of the three games.
 - a) llow many people in the survey watch all three games?
 - b) How many people watch exactly one of the three games?

15 points

7. Show that there are at least 6 different ways to choose three numbers from 1 to 10 so that all choice have the same sum.
10 points