- 3. Mr. G is coaching the Lord Byng Junior Volleyball team. He has 14 players on the team in total. a. If he needs to choose 6 of them (positions don't matter) for the starting lineup, and Tim (team
 - captain) must be on the starting lineup, how many starting lineups are possible? 1c, .12 5= 1287

If he needs to choose 6 of them (positions don't matter) for the starting lineup, but Sam and

4. A school schedule has 8 blocks (4 blocks day 1; 4 blocks day 2). A student has to choose 5 academic

- courses and 3 elective courses. There are 9 different academic courses and 12 different elective courses to choose from. If each course is offered every block and schedule order is important, how many different schedules can be made? O choose courses => 9 C5 12 3
- AND
- 2) Arrange Schedule ⇒ 8 Courses => 8 ! to arrange total = 95°12°3°81 = 1117670400