

College

- 1) In order for Mizzou to consider a college application for admission, the ACT score of the student must be 24 or higher. What is the range of possible points, p , your score must increase if your first attempt on the ACT earned you a score of 18?
- 2) Most majors require a minimum of 36 credits to complete the major. The major is usually about one-third of the overall number of credits, c , needed to graduate. What is the possible range of credits needed to graduate from college?
- 3) The difference of the cost to attend college and your scholarship money must be no less than \$500 in order to qualify for financial aid at the college you chose. If you have earned \$5000 in scholarships, what is the range of acceptable college costs, c , that would qualify you for financial aid?
- 4) Work-study programs allow students to work on campus in order to pay some of their college expenses. Students often need to spend at least \$500 on books for their classes. If a certain work-study job pays \$10 per hour, what is the range of possible hours, h , a student must work in order to pay for these books?