

Math 270 - Basic Discrete Mathematics
Practice Quiz on Section 9.5

Directions: Answer the problem given below.

1. A computer programming team has 13 members consisting of 5 women and 8 men. Answer parts a.-c. below, noting that you *do not* need to simplify: your answer may include products, division, sums, differences, exponents, factorials, and binomial coefficients.

a. How many groups of five can be formed from this team?

b. How many groups of five have exactly 3 women?

c. How many groups of five have at least 3 women?