

Math 104 - Sample Quiz for 5 - 7 Name _____

1. The first three terms in the binomial expansion of $(x + y)^{18}$ are
2. The last three terms in the binomial expansion of $(x + y)^{18}$ are
3. The coefficient of $x^9 y^3$ in the binomial expansion of $(x + y)^{12}$ is
4. A clown is holding nine different colored balloons. How many different sets of balloons can she hand to her partner, assuming that giving none is an option?
5. How many ways can a selection of at least one book be made from a set of eight books?

