

Practice for 7.1 The Binomial Theorem

The following problems will help you practice the material you learned today. Once you are finished check your solutions. Once done, you can work on your WeBWork homework.

1. Use the Binomial Theorem or Pascal's Triangle to expand this: $(2x-3y)^5$
2. Determine the coefficient of the term which has x^3y^4 in the expansion of $(x-2y)^7$.
3. Determine the 8th term of this expansion $(4x+3y)^{10}$.

For more practice work from exercises 15-53 in the text.