

Mat 344
Challenge Set 3

The following is a selection of problems that you will find useful to test your understanding of the generating function concepts we have been studying. Try to do as many as you can; there are more in the text that are also worthwhile, and you are encouraged to select additional ones for yourself. Practice is the key to recognition!

1. Tucker, p. 247ff #1(b), 1(d), 2, 3, 6, 9, 15, 19, 24, 25
2. Tucker, p. 256ff #3, 7(b), 7(c), 9, 10, 13, 21, 27, 33
3. Tucker, p. 263ff #3, 7(a), 7(b), 9(a), 9(b), 11(a), 11(b),