Math 32 Spring 2007
Assignment 3 Mr. McKeague

1. Use the information from the transparencies on Pascal's triangle and the binomial expansions to expand each of the following without actually multiplying.

a. $(a+b)^7$

b. $(x+2)^5$

c. $(x-2)^5$

d. $(2x+3)^4$

2. Explain to someone who is not in our class how you construct Pascal's triangle.

3. For a student taking a college math class, what quality is most important for success in the course?

4. In your book, Page 157, Problems 31 – 51 odd, 77, 83, 85, 87, 91