Practice Quiz 1

1. State the Fundamental Theorem of Arithmatic and use MAPLE to demonstrate it.

2. State the Binomial Theorem and use MAPLE to demonstrate it.

3. Explain in complete detail why every power of an odd integer must be an odd integer.

4. Provide ankk example which clearly demonstrates that the MAPLE command
   convert(decimal expression , fraction)   is not an "exact algorithm."

5. How many ways can this class be divided into groups of 2?

6. Provide the first 9 rows of Pascal's triangle.