

3. Find the quotient and remainder when 2002 is divided by 17. Be sure to write your answer in the form: $a = bq + r$.

4. Let a , b , and c be integers. If a divides b and b divides c , prove that a divides c .

5. Read Appendix A, and answer the following questions. What are some of the methods used to write proofs? Have we used any of these methods in class? If so, which one(s)?