

## 5A Answer

Dear Charles,

Much is now apparent to me. My Uncle's work for British Intelligence explains the gaps in his history, and if indeed Tiberius found himself caught up in a conspiracy beyond his power to control then perhaps his death was not that of a coward but, just possibly, the result of foul play.

Tiberius implies that the Fabulists were involved in my injury and if he is correct then for the first time since my evacuation from the Battlefield I have a new enemy to find and to fight. I swore during the long weeks of my treatment in the field hospital at Etaples that I would never bear arms again. My nurse, Miss Brittain, urged me to take courage, but all bravery was gone, dissolved by the burning pain of the corrosive gas. Now I feel a new fire, the anger stirred in me by Uncle Tiberius's account. Reigniting my old fighting spirit and I have decided to take on the investigation of the Fabulists myself. You say that my enemies may still be active in London so I will embark on the next steamer to the City. Could I ask you to please arrange accommodation for me? I will telegraph my travel plans.

By the way the cypher used by Tiberius in this text was devilishly difficult to decrypt, but since we now know that he was trained in cryptology we might expect future chapters to be increasingly hard to decypher. I conducted my own research and discovered that this type was first broken by Charles Babbage. To save you time I will tell you that the key has length three.

Yours sincerely,

Nicholas

## 5B Answer

VERONA had decided to reassign me to a new code-breaking division in London, an outpost of Room Forty within the Admiralty. I was required to report to Commander Denniston who trained me in the elements of my new task and it quickly became apparent that the methods of conditional probabilities developed by Bayes, in which I had become adept during my work on wind forecasting, could give us a crucial advantage in the task of cryptanalysis. Glad as I was to escape the horrors of chemical weapons, I think now that Valentine and Proteus had intended to cloister me in Naval Intelligence in order to avoid any chance that I might uncover their dreadful secret, but the relationship between the Admiralty codebreaking division in Room Forty and the Army division MIIB was closer than the Fabulists had imagined and the interaction between these agencies, together with my field experience on the continent, meant that I was increasingly engaged in the task of breaking battlefield and German High Command communications. Encouraged by the engineers in our increasingly sophisticated signals unit, who were adept at intercepting telegraphic messages from the far fields of Europe, I threw myself into work once more until one wintery Wednesday afternoon I received a message that gripped and horrified me. New as this cipher was I did not have time to enjoy my triumph in decrypting it, as the plaintext revealed a criminal conspiracy at the highest levels in British Intelligence led by the Fabulists. Even as the full horror of my involvement in their scheme was laid out before me I could not take it in. Reporting the conspiracy was impossible since I could not be sure who was involved. Even if I could trust someone outside of VERONA the security in our unit was so tight that I had no chance to take any evidence with me. I realized that I would have to conceal my discovery while I undertook further research of my own into the network of traitors within our intelligence services. Unfortunately I was clumsy in my investigations and my carelessness nearly cost you your life and your reputation, a mistake for which I can never forgive myself. I can only pray that you will be able to forgive me. I received a telegram from VERONA summoning me back to Ypres later that month. As I read it I knew that the Fabulists had somehow become aware of my interest in their secret work, and I fully believed that I was being sent to my death in the trenches I boarded the boat to Flanders and, surrounded by weary soldiers returning to the front line, I turned my thoughts to finding a way to expose the Fabulists plans.

### 6A Challenge

KILFB WRVCZ LHJVW BGHLF IAMRV RZILF IFBCP LKWF ILZWT IJVIK LBGIF SCMLF IWBWP LHOWH  
WJIKJ CKLSU SJPCG IBJZI AIBAL JRVWB GJVIK IHREW DJWCB CNOLZ IBJWB ILBKD FCJIM HJVIS  
RZLWA IKJCU ILRJW BGNCF JVIGC OIFBA IBJLB KPIFI LHYWB GWNWY BIPPV IFIJC NWBKS CMJVI  
SRZIL FZSPI FILPL FIJVL JSCMV LKZIN JALZJ LUMJN CFJMB LJIZS VLKBC JLHNL FLHWR LBJIZ  
ZJFLR IKSCM VIFIJ VISPI FIACH JWBHW HJIBJ JVLJJ VISBI IKIKJ CJLZY PWJVS CMHLS WBGJV  
LJJVI GCOIF BAIBJ PLHCP IKLHM UHJLB JWLZH MANFC AJVII HJLJI CNSCM FMBRZ ILBKJ VLJJV  
ISPWH VIKJC KWHRM HHJIF AHNCF FIDLS AIBJW VLOIJ CHLSJ VLJWP LHWAD FIHHI KUSJV IWFWB  
GIBMW JSJVI SAWGV JIEML ZZSVL OIRZL WAIKJ CUICN NIFWB GSCML HMACP IKJJC WUIFW MHUMJ  
JVJUL ZIJVI SHDMB RLFFW IKXMH JJVIF WGVJZ IOIZC NJVFI LJJCU ILZAC HJRCB OWBRW BGWKI  
RWDVI FIKJV IZLJI HJRVL DJIFC NSCMF MBRZI HPWZZ PWJVZ WJZJI ACFIK WNNWR MZJSJ VLBWV  
LKIBR CMBJI FIKPW JVJVI DFIOV CMHHI RJWCB WJPLH OIFSH WAWZL FWBHD WFWJL BKWBK IIKMH  
IKJVI HLAIJ LUMZL FIRJL JVCMG VJVII BRFSJ JWCBL ZGCFW JVAPL HHZWG VJZSK WNNIF IBJWU  
IZWIO IWJWH YBCPB LHJVI UILMN CFJRW DVIFW FIRCA AIBKJ VLJSC MHJLS LPLSN FCAZC BKCBN  
CFLZW JJZIP VWZIM BJWZP IVLOI RCBHW KIFIK PVLJP IAMHJ KCJCD FCJIR JSCMW VLOIR CBJLR  
JHPVC ALSUI LUZIJ CVIZD OIFSU IHJPW HVIHR VLFZI H

### 6B Challenge

IXWIF MKLOE HMRBZ FWLTQ AOQZQ WIBNH RQAAB HBRCF JAXBR CNLLOL TQXBY PKCWF MGOZP NCFMK  
OONNJ GRMCF KLCBY KTXN WMSVN GIQNR BTNIN PSHZM AZXTE QFZDG JCAFF NGPNZ XQTAA TQWBM  
SIRGY WNLLX JGVTA DZKEZ PDWDN AMPOA OWNAG QTAJC XBOPW WAHDK DOBTP HFVXC BTPUJ WDOFE  
JPFYN LUEXU UXNTY GZQBB NWMQI QCVDA UATGO XDCNZ OGCKA GZQNP UGPAB RXBYK JCMTA HNJJI  
QAXIB SJAUN WZLDZ LNRZA MGPFH TXHRV KTGAU ABWZP YEHBY KMZQT XQQVK FWLTQ XXOPM NAZ XV  
TZOLS JXHRQ KAARM HNOHT PBBRY FWLTQ XXFPJ MAOBS KLZXE UNOEL OJSBF VJFOL MUCKF FOMHD  
FVJFO QVBYK VPBPM HMHNV MNMFR WNQIQ HQNVJ ANRLD XWDGX NIGAS RCUAP RFVRR BSLHB OAAUA  
VDBBP MAQJR BXVMT CTUMV KTIMH UZKVT JKNRB XWPKQ NUZUR CYENR XGFTV WNQCW JGZAS BJOZQ  
TZVMD UGAIQ ZQUGN YXLTU MOGIN ZFQOA ETFAJ QXQJY DLMBY KMTAK PMNVZ ONKPF UAYAU EHMMS  
RBHRX QOVKP YWJQD VPFOL JGUAM EKQHQ LWRGY JAJBB YLOAS HTQKF KNMDX XNBNT FQCVD AKEFQ  
UVKPK AABAU GIJPW QCLNA XNOMS KOANC MHAXD GILTQ TOEQI QWXQA ZPIXW MOTJI XPPUS VKPPE  
RGOGY VNZIG ULJPK MZGMH PFPSS CNGDG XBMPA GPPKM AHCKE ITMHQ CCNGB NWRBM NGIXM HRUAT  
ATWIB BVMNI MAULQ PUQJD XJJPY DCYYO YLUEX ASMDY XNWRL BMFKL GHFVN IDLTQ RBNHB RSSYA  
ZPIQW HMXXB IISBY VKPRR MYUKO NXWTU CIRLO AXUHA XGVTS QLVNG BRHSR DDGXT EUNOC TKLNQ  
OGEAU AYDXC NBNZH NBJRS HTSCM WKPUE XFOAW POXSC KOGFH NABMH NOKQN BFBOI TUWIB HNMBB  
ZQBBA PGQPB BLQVF XABYK KTYMW QSGVT JMGDB HNXNK PRNHR CXSCD BTXIJ WMHEU YMTMT UMXNQ  
NZHNB KEPPG EUNVD FJLJG SIRGY XWYFW NWZWH QCNTX UEHMM AGQUW OCLXN AUEHB YKEPF IWUQA  
EXNKP RBBOA UAEUO HNBI FMDVD CDITQ OKJBB IASOG FP