Phone "words"

Each number on the telephone dial (except 0 and 1) corresponds to three alphabetic characters. Those correspondences are:

 2 ABC    
 3 DEF    
 4 GHI    
 5 JKL   
 6 MNO   
 7 PRS   
 8 TUV   
 9 WXY

Given a seven digit telephone number, print all 2187 possible "words" that number spells. (They may not be real english words, but just some sequence of characters). Since the digits 0 and 1 have no alphabetic equivalent, an input number which contains those digits should be rejected. The input will be one or more seven digit integers from standard input.

The problem can be made a bit more challenging by outputting more than one word per line. Usually about seven words will fit on a line.