

Mini-Exam 2

Name: _____ Practice

1. Convert “**miniexam**” into numbers.

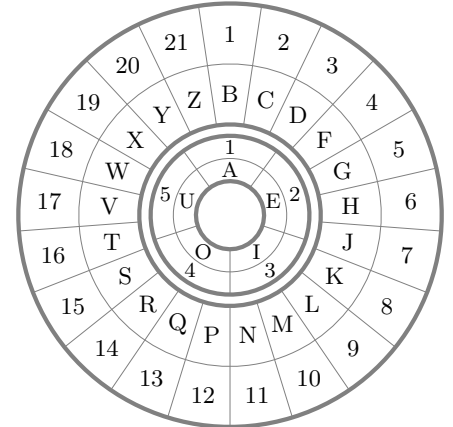
2. What vowel goes with each number?

(a) 3

(b) 1023

(c) -3

(d) -73



3. What consonant goes with each number?

(a) 3

(b) 55

(c) -3

(d) -55

4. (a) Where does the shift by 3 cipher take **miniexam**?

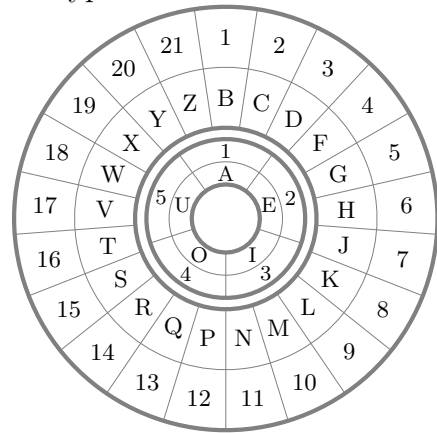
(b) What was shifted by 3 to get **GOUWOV**?

5. (a) What shift turns **miniexam** into **ZOBOILEZ**?

(b) What shift turns **miniexam** into **RISIECAR**? (harder, explain your answer)

5. A shift cipher was applied to a short English sentence to get **U IB ILOHABO**.

(a) How many words did the sentence have before it was encrypted?



(b) How many letters did the first word have?

(c) What was the first word (probably)?

(d) What did the message (probably) say?

6. (a) Where does the double-it cipher take **day**?

(b) The double-it cipher was applied to an English word to get **MPILN**. What was the original word?