2.2.3 Brain Teasers

Exercise 5 — The Pigpen Cipher.

See answers

The Pigpen Cipher Substitution Cipher that was used by the Freemasons in the 18th Century.

They substituted each letter of the alphabet with a picture.

A	B	C
\overline{D}	E	\overline{F}
\overline{G}	H	I

J.	$K \cdot$	$L \cdot$
\overline{M} ·	$N \cdot$	<i>O</i> ·
$P \cdot$	$Q \cdot$	R.





- 1. Using the diagrams above, can you decipher the two mathematical words below?

 - b) 「「<」」「「L」」」「「L」」」「「L」」
- 2. Discuss in pairs how the cipher works.
- 3. Encode the word "RHOMBUS" using the Pigpen Cipher:.....
- 4. How easy is it to work out what someone has written using this cipher?

Can you think of any ways to make it harder?



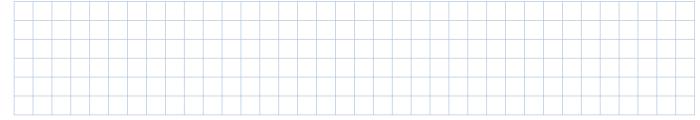
10 2 Cryptography

Exercise 6 See answers

This message was encrypted using a Fleissner Grille cipher.

EINFN EGNEO VIOAE SLNTR EIYHI KISNO EKTNH I

1. How many letters are there in this message? Why were they in groups of 5?



2. Using the key provided to you and the table below, can you unscramble the message?

