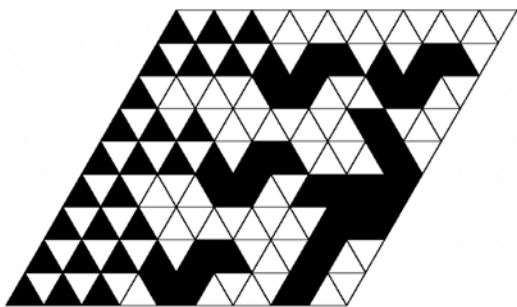
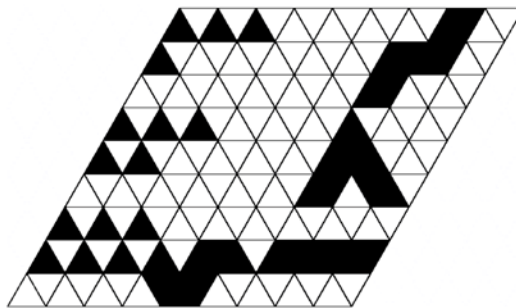
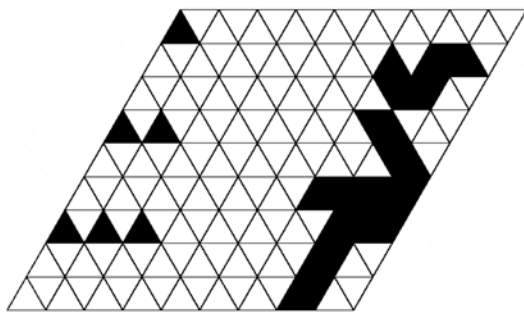


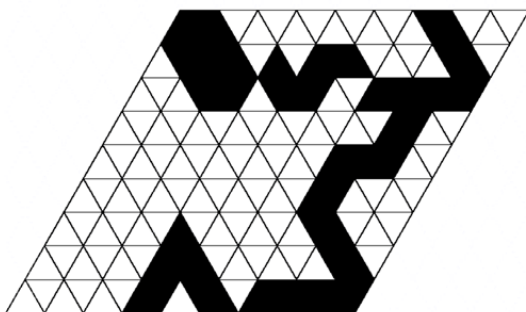
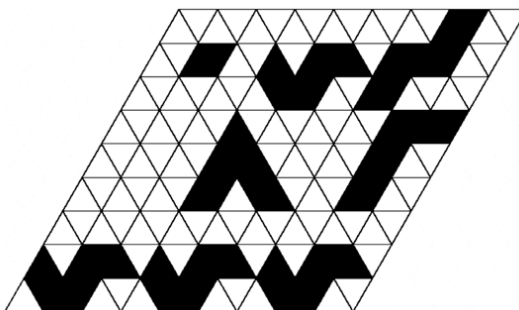
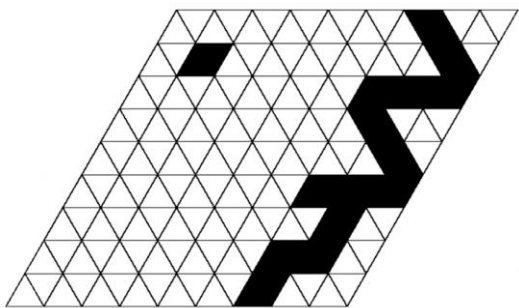
Cosmic Transmission

Liam Thomas

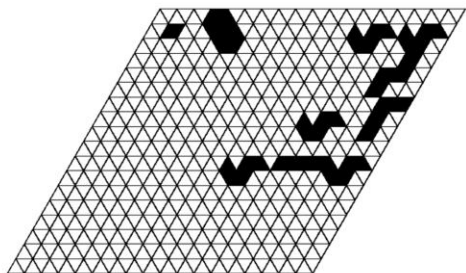
This is a puzzle about decoding alien mathematics, inspired by the Arecibo and Cosmic Call transmissions. Each of the first five pages teaches you a different concept, while the last two ask you to apply that knowledge to solve for missing data. Each of the lost data segments corresponds to a number between 1 and 26. Taking $A=1$, $B=2$, and so on gives you the answer PEARLY.



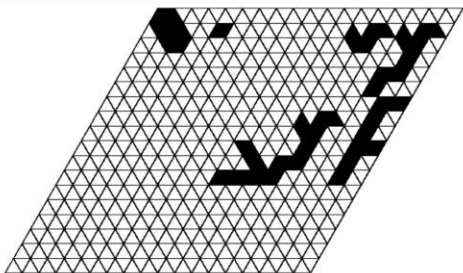
These 3 blocks tell you how to count in the alien language. In particular, it teaches you to use their base 6 number system.

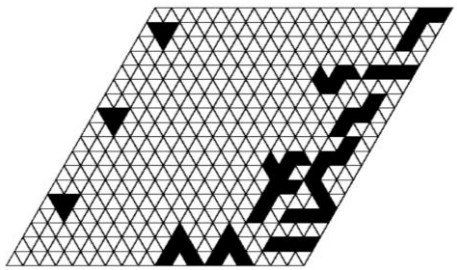


These three blocks teach you the symbols for addition and multiplication, and that operators precede their arguments.

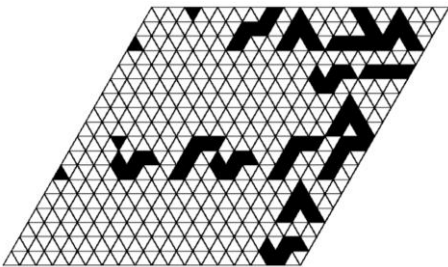


These two blocks teach you all about order of operations.

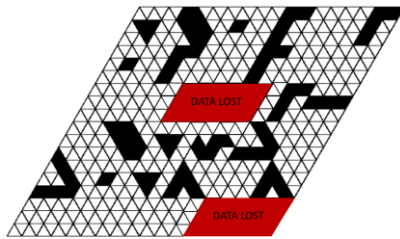
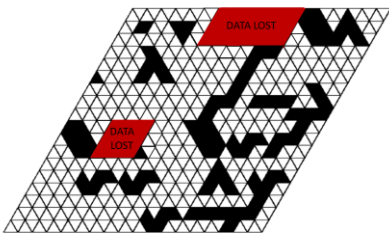




This block teaches you about the triangular number operation, where $\text{triangle}(n)$ gives the n -th triangular number, or $(n+1)n/2$.



This block teaches you about the modulus operator.



These are the blocks which test your knowledge and make you solve for x .

