

DISCOVER THE TREASURE OF KIANNA



Kianna, a seaside town in an enclosed cove was an attractive landing point. Over time many people within the town had become rich merchants and traders.

300 years ago the hill town of Kianna was under attack from foreign armies seeking to conquer their country.

The people of Kianna where concerned about the turning tide of the war in their country and wished to protect the riches of the town from plunder by the retreating army.

The Town Council and Lord Mayor came up with a plan to protect the riches by placing them in a safe underground chamber under one of the houses in the town.

To protect the location, the Major of the town would be the only person who would know the location of the chamber. He was aware that perhaps a good number of the people in the town would not survive the retreating war and he may be a victim himself.

In order to protect the location and also provide the town with the possibility to discover the riches after the threat to their town he distributed a number of documents to trusted families within the town to hide in their homes.

Each document provided a task to be completed that provided a number clue and together with what seems to be a coded message should reveal the location of the underground chamber.

At a recent auction of antiques you have bought a device that appears to be a code wheel. The auctioneer

provided information that the item was once owned by the Lord Major of Kianna. Inside of the device you have discovered a slip of paper that provides the locations of the trusted families. After extensive historical research you have now managed to locate all of the documents which have become family heirlooms in the town.

As a result of discussions with all of the families and the Town Council you have obtained copies of these documents and are now ready to embark on the quest to discover the treasures of Kianna and restore the riches to the people of the town.

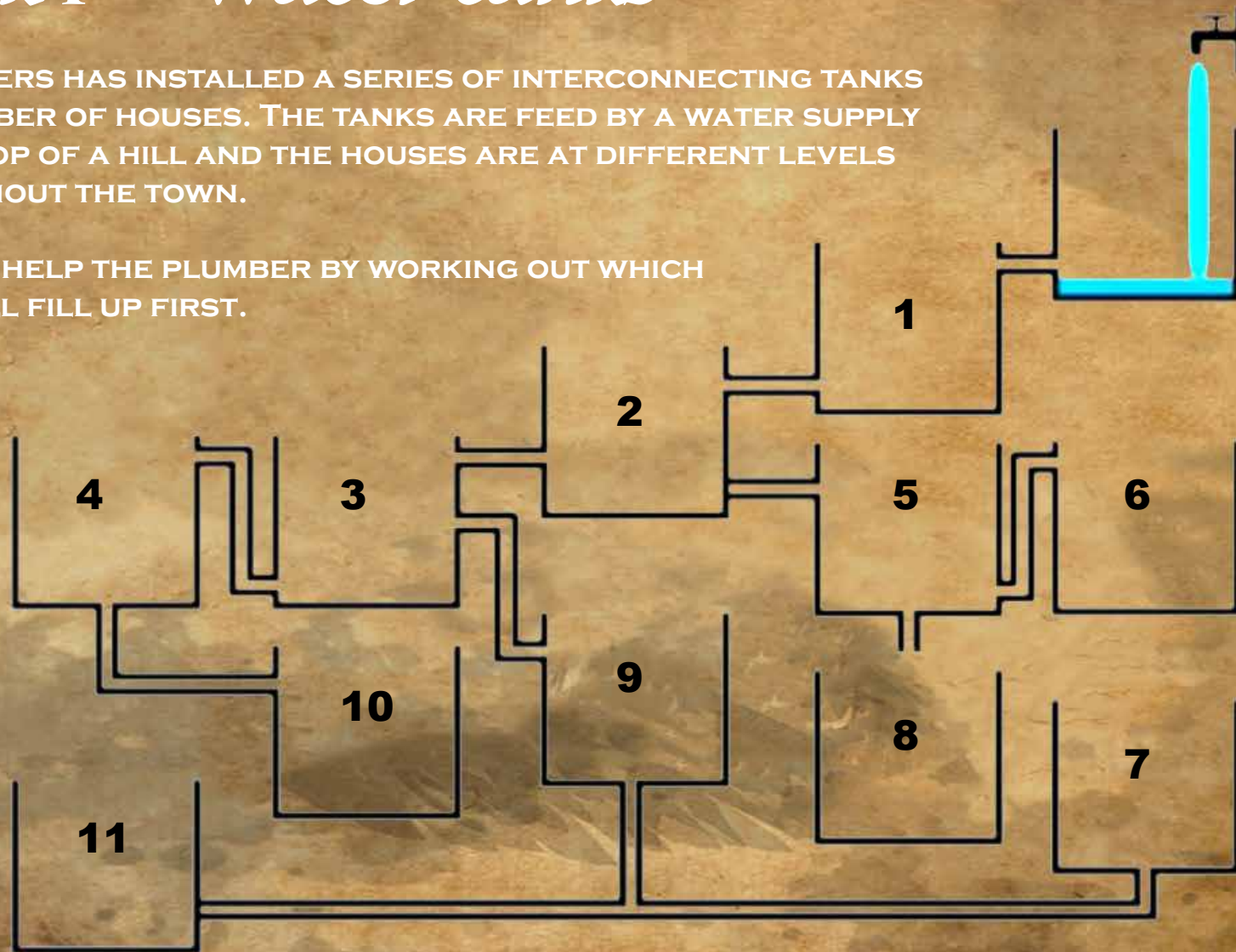




Task 1 - Water tanks

A PLUMBERS HAS INSTALLED A SERIES OF INTERCONNECTING TANKS IN A NUMBER OF HOUSES. THE TANKS ARE FEED BY A WATER SUPPLY AT THE TOP OF A HILL AND THE HOUSES ARE AT DIFFERENT LEVELS THROUGHOUT THE TOWN.

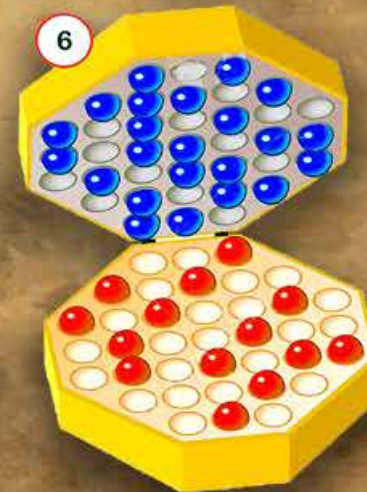
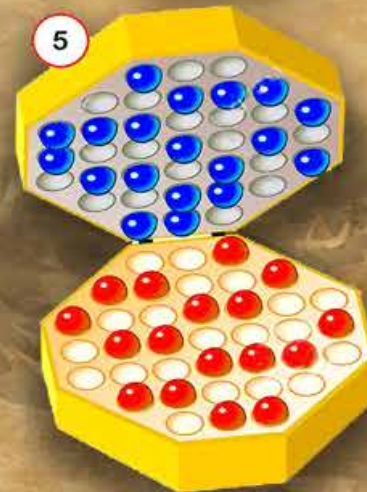
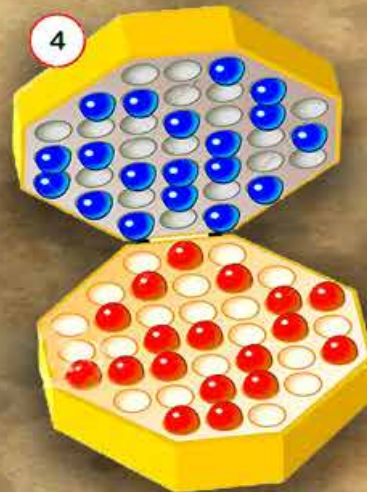
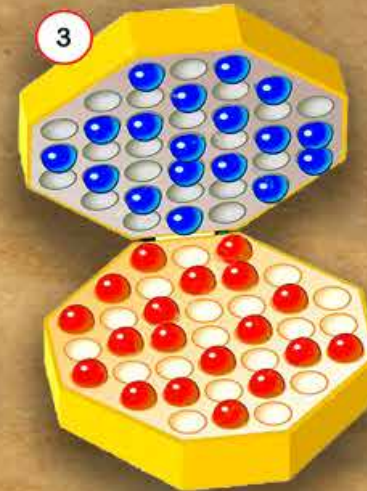
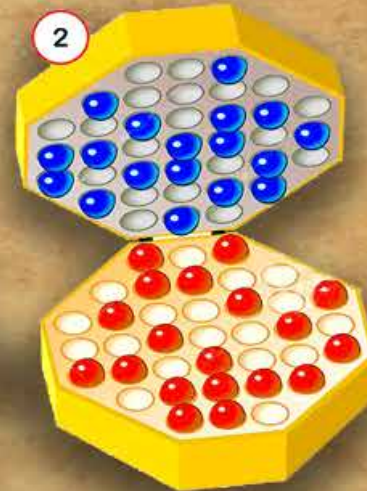
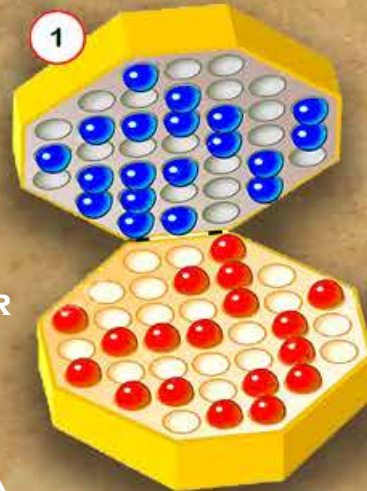
CAN YOU HELP THE PLUMBER BY WORKING OUT WHICH TANK WILL FILL UP FIRST.



Task 2 Jewel boxes

THE JEWELLER HAS PLACED THE DIFFERENT COLOURED JEWELS IN BOXES SO THAT THE HARDER RED JEWELS DO NOT DAMAGE THE SOFTER BLUE JEWELS WHEN CLOSED.

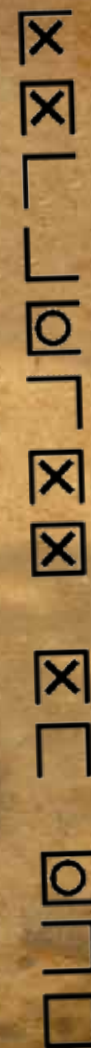
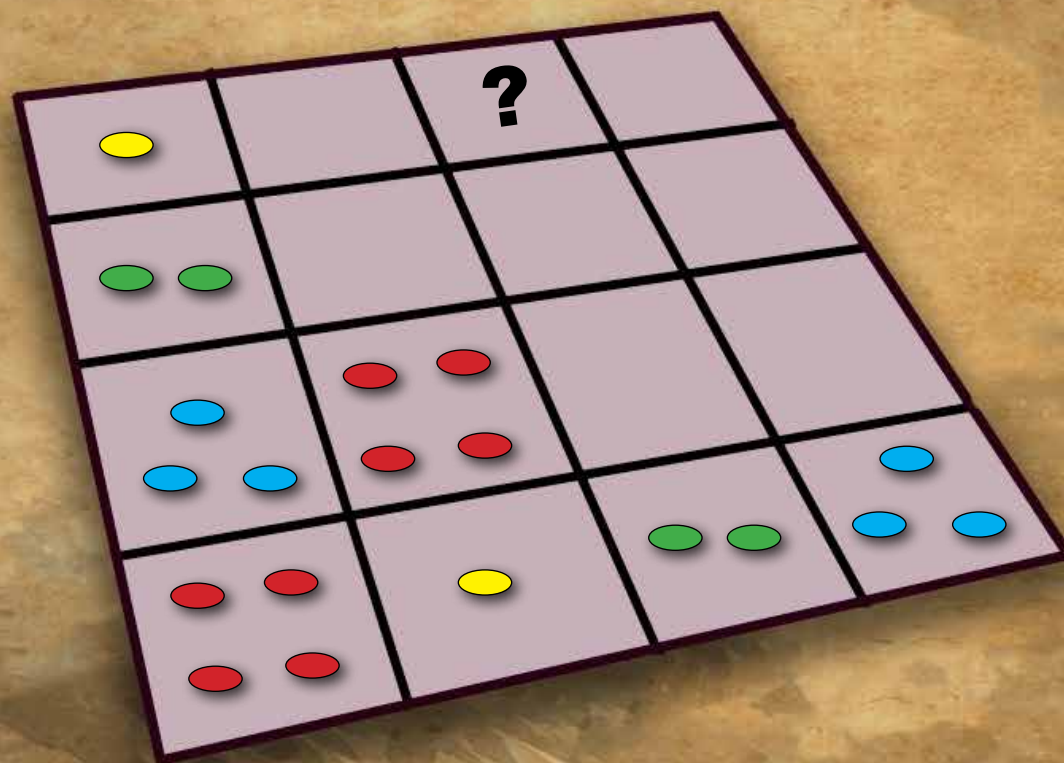
ONE OF THE BOXES HAS A PROBLEM AND WILL NOT CLOSE CORRECTLY - CAN YOU IDENTIFY THE BOX NUMBER.



Task 3 Counters

THE COUNTERS ARE
PLACED ON THE
GAME BOARD IS A
SPECIAL SEQUENCE.

HOW MANY
COUNTERS SHOULD
BE PLACED ON THE
'QUESTION MARK' (?)
SQUARE.



Task 4 Bridge crossing

FOUR PEOPLE HAVE BEEN CAUGHT OUT AFTER DARK AND WANT TO CROSS A GUARDED BRIDGE WITHOUT PAYING THE TOLL.

THE GUARD IS PATROLLING THE AREA AND HE DOES SO EVERY 17 MINUTES, SO TIME IS LIMITED TO AVOID BEING CAUGHT.

THE GROUP MUST CROSS THE BRIDGE BUT ONLY HAVE ONE TORCH BETWEEN THEM AND IT IS IMPOSSIBLE TO CROSS THE SMALL ROPE BRIDGE WITHOUT A TORCH. THE BRIDGE CAN ONLY HAVE TWO PEOPLE ON IT AT A TIME.

JOHN CAN ONLY CROSS THE BRIDGE IN A 1 MINUTE

PAUL IS NOT AS FIT AS JOHN AND CAN ONLY CROSS THE BRIDGE IN 2 MINUTES

PETER IS A BIT SCARED OF HEIGHTS AND CAN ONLY CROSS THE BRIDGE IN 5 MINUTES AND KEN HAS A BAD LEG AND REQUIRES 10 MINUTES.



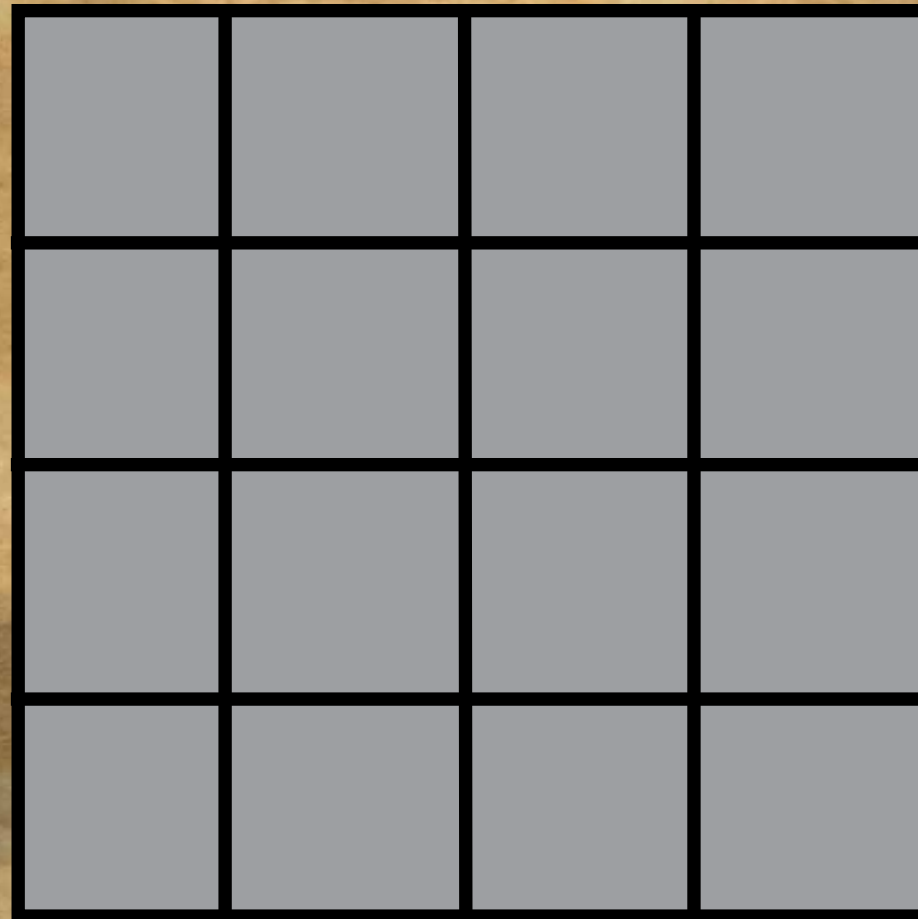
HOW MANY JOURNEYS ACROSS THE BRIDGE ARE REQUIRED TO GET EVERYONE TO THE OTHER SIDE.



Task 5 Court yard

THE COURTYARD
HAS A HIDDEN
NUMBER TO
REVEAL.

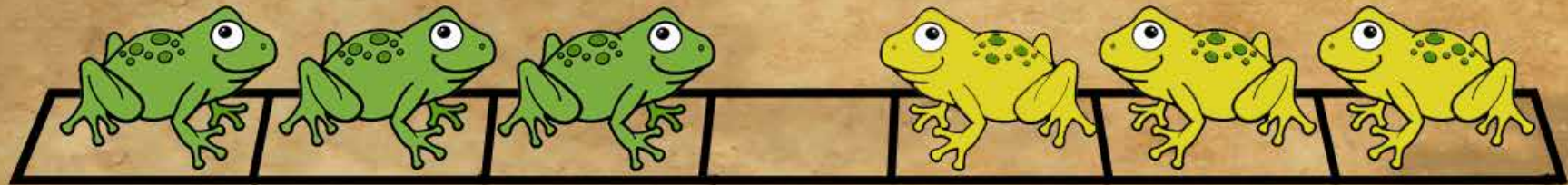
HOW MANY
SQUARES CAN
BE SEEN.



┌┐┐┐
└└└└
┌┐┐┐
└└└└

Task 6 Leap frog

TWO SPECIES OF FROGS HAVE COME FACE TO FACE ON A PATHWAY.

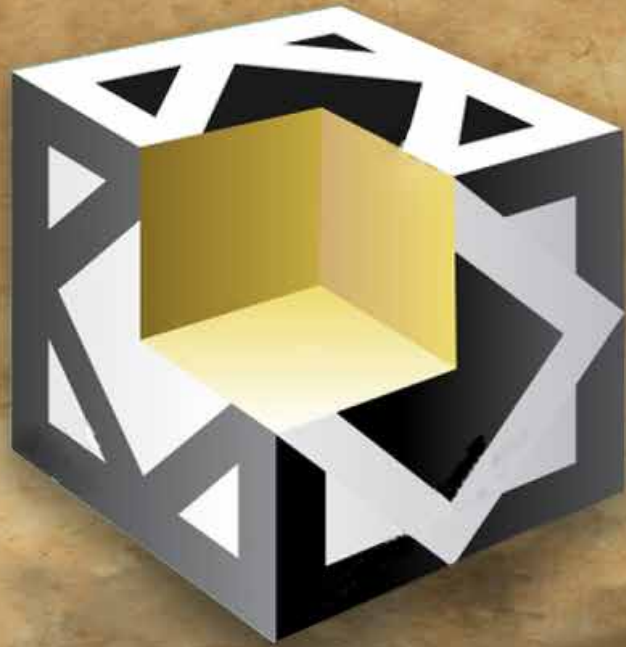


WHAT IS THE MINIMUM AMOUNT OF MOVES REQUIRED TO REVERSE THE POSITION OF FROGS SO THAT ALL THE GREEN FROGS OCCUPY THE POSITION OF THE YELLOW FROGS AND VICE VERSA.

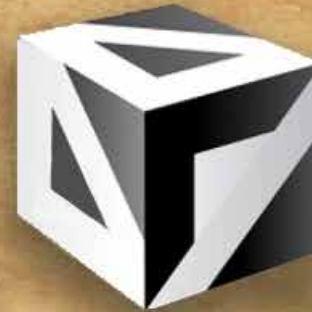
□ □ □ × □ × □ □ × □ × □ □ × □

Task 7 Cube

WHICH OF THE SMALLER
CUBES SHOULD YOU SELECT TO
COMPLETE THE LARGER CUBE



1



2



3



4



5



6



Task 8 What next!

□ × ◻ ◻ □ × ◻ × ◻ □ ×

THE LETTERS REPRESENT A KNOWN
COMMON SEQUENCE WHAT IS THE
NEXT LETTER IN THE SEQUENCE.

o τ τ f f s s

└ □ □ ◻ × └ × × ◻ □ □ □ × ◻ ◻ □ × ◻ × ◻ □ × ◻

× × × └ × × □ × ◻ × └ ◻ × × □ ◻ ◻ └ ×

└ □ □ ◻ ◻ × × └ × └ × × ◻ └ × └ ◻ └ × ×

Finding the treasure

COMPLETE EACH TASK. PLACE YOUR ANSWER ON THE ANSWER SHEET.

THE SECOND TASK IS TO CRACK THE CODED MESSAGES WHICH WILL HELP YOU TO FIND THE LOCATION OF THE UNDERGROUND CHAMBER AND OPEN THE TREASURE CHEST.



ANSWER SHEET

TASK 1 _____

TASK 2 _____

TASK 3 _____

TASK 4 _____

TASK 5 _____

TASK 6 _____

TASK 7 _____

TASK 8 _____

To reveal the answers use a phone. Download and
install the i-nigma QR code scanner app

