

BRAIN-BENDING T-PUZZLE

Heather Chandler makes games of all kinds from video games to escape rooms. Games can't be solved—or designed—without some creative thinking. And they've been fascinating humans for centuries! Geometric dissection puzzles can be traced back to Ancient Greek mathematicians.

This Brain Bending T-Puzzle is a geometry puzzle that's been dissected, or cut apart. All you have to do is take the four pieces and arrange them to form the letter "T." It might sound easy, but it's not! See how fast you can solve this puzzle than challenge others in your family to do the same.



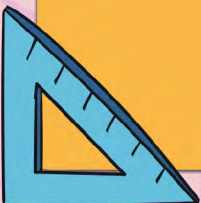
Heather Chandler builds brain-savvy games and escape rooms designed to boost brain power.

YOU WILL NEED :

- Printable template
- Pencil
- Cardstock
- Scissors



Print out the template. Cut out shapes.



CAMP GoldieBlox



MORE FUN AT GOLDIEBLOX.COM

2



Trace shapes onto cardstock with pencil. Cut out shapes.

3



Now turn on a timer and try to solve the puzzle as fast as you can!

LEARN MORE

Code Your Own Games!
by Max Wainwright
Sterling Children's Books,
2017

Awesome Minds: Video
Game Creators by
Alejandro Arbona
Duopress, 2018

Game On! by Dustin
Hansen
Square Fish, 2019

123

THINK ABOUT IT!

Geometric dissection puzzles can come in all shapes and sizes. The most popular dissection puzzle, the Tangram, was invented in China about 1,000 years ago. It involved arranging seven flat polygons into different shapes. Try making your own geometric dissection puzzle by cutting up a square, triangle, or circle into various pieces.

Can you imagine a world without video games? They weren't invented until 1952, when a British professor named A.S. Douglas created a version of tic-tac-toe called OXO. Since then, games have become way more advanced from multiplayer video game systems that could be played on TVs to the virtual reality games and headsets that are gaining popularity today. What kind of game would you design?

Go to the next
page to see the
answer!



FUN FACT!

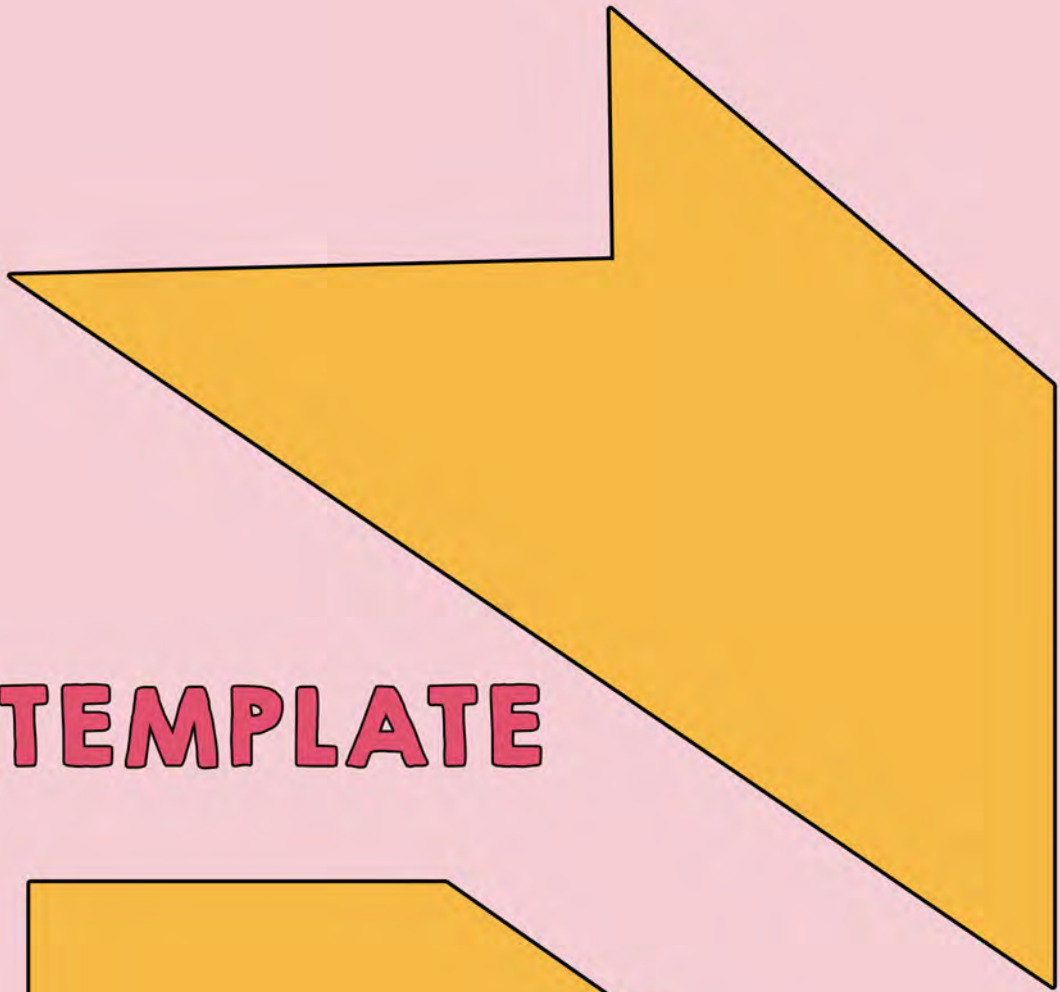
Arcade video games are large coin-operated machines that were popular in shopping malls in the 70s and 80s. The first arcade video game was called Pong and it was released in 1972 by Atari.

CAMP *GoldieBlox*

THE ANSWER:



Once you've solved the puzzle, challenge others to give it a try. Don't forget to set a timer to see who can solve it the fastest.



THE TEMPLATE

