# Yet More Mind Bending Puzzles And Fascinating Facts



### **Yet More Mind-Bending Puzzles and Fascinating Facts**

by James Bender

★ ★ ★ ★ 4 out of 5

Language : English

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#### **Puzzles**

## 1. The Monty Hall Problem

You're on a game show and given the choice of three doors. Behind one door is a car, and behind the other two are goats. You pick a door, say door number 1. The game show host, who knows what's behind the doors, opens one of the other doors, revealing a goat. He then asks you if you want to stick with your original choice or switch to the other unopened door.

What should you do?

#### 2. The Tower of Hanoi

There are three pegs and a stack of disks of different sizes. The objective is to move the entire stack to another peg, following these rules:

- 1. Only one disk can be moved at a time.
- 2. Each move consists of taking the upper disk from one of the stacks and placing it on top of another stack or on an empty peg.
- 3. No disk may be placed on top of a smaller disk.

How many moves will it take to move a stack of n disks?

#### 3. The Zebra Puzzle

There are five houses in five different colors. In each house lives a person of a different nationality. Each person drinks a different beverage, smokes a different brand of cigar, and keeps a different pet. The five owners and their characteristics are as follows:

- 1. The Brit lives in the red house.
- 2. The Swede keeps dogs.
- 3. The Dane drinks tea.
- 4. The German smokes Rothmans.
- 5. The Norwegian lives in the first house.
- 6. The owner who smokes Dunhill keeps birds.
- 7. The owner who lives in the yellow house smokes Chesterfield.

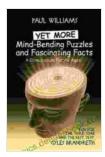
- 8. The man who smokes Kools lives next to the one who keeps horses.
- 9. The man who smokes Lucky Strike drinks orange juice.
- 10. The Japanese smokes Parliament.
- 11. The Norwegian lives next to the blue house.

Who drinks water? Who keeps fish? Who lives in the green house?

#### **Facts**

- 1. The human brain has about 100 billion neurons.
- 2. The average person's brain weighs about 3 pounds.
- 3. The brain uses about 20% of the body's oxygen.
- 4. The brain is made up of about 75% water.
- 5. The brain is the most complex organ in the human body.
- 6. The brain is capable of processing about 11 million bits of information per second.
- 7. The brain is constantly changing and adapting.
- 8. The brain is responsible for our thoughts, feelings, and actions.
- 9. The brain is still a mystery to scientists.

These are just a few of the many mind-bending puzzles and fascinating facts that exist. The human brain is an amazing organ, and we are still learning new things about it every day. Keep challenging yourself with puzzles and exploring the wonders of the world around you.



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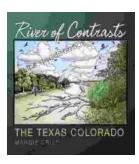
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