

Who's Game?

A few happy distractions



“What’s right is what’s left if you do everything else wrong.”
— Robin Williams



“Sometimes I’m so sweet even I can’t stand it.”
— Julie Andrews

Gary R. Cruber, Ph.D., is recognized as the leading authority on standardized tests and the originator of the critical thinking skills used to prepare for them. He has written more than 35 books, with more than 7 million copies sold. Check out drgarycruber.com.

BRAIN TEASERS

See if you can solve these problems before your flight lands!

1

Nine people are on a line inside a circle. How many people must move from the line in order for all the 9 people to be in a circle?

2

Out of three females and three males, three people at random enter a previously empty room. What is the probability that there are exactly two males and one female in that room now?

3

How many three-digit whole numbers are exactly divisible by nine?

4

The proportion $\frac{2}{3}$ is to $\frac{5}{6}$ as $\frac{8}{7}$ is to what number?

Answers

1. 7; 2. 9/20; 3. 100; 4. 10/7

KENKEN

Answers on page 111

7+	3x		2÷
	2		
8+		1-	
2		5+	

↑ Easier OR Harder ↓

1-	120x	3	2-	5+
			4-	
2÷		9+	3+	5
14+	6+		36x	
4-		3	2÷	
	1	2÷		

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SUDOKU

Answers on page 111

		7					6
	5		9	2			7
1				6			
		3	1	4		7	
8	6					5	9
	7	9	8	3			
		6					5
5		8	2			4	
2			9				

↑ Easier OR Harder ↓

		2	1	3			
	4					8	1
	5			7			9
		4	1				6
		5	6				
3		7	2				
9		3				5	
6	4				2		
		2	9	7			

Rules for KENKEN

- Each row and each column must contain the numbers 1 through 4 (easier) or 1 through 6 (harder) without repeating.
- The numbers within the heavily outlined boxes, called cages, must combine using the given operation (in any order) to produce the target numbers in the top-left corners.
- Freebies: Fill in single-box cages with the number in the top-left corner.