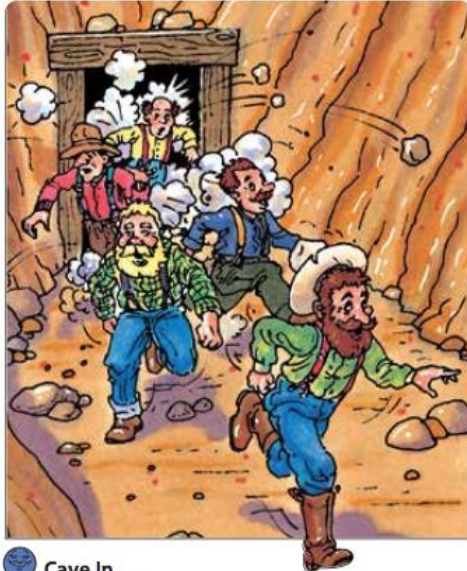


Thank you for participating in the KenKen Classroom Program!
There are many ways to use KenKen with your students, including playing interactively online or using larger puzzles for teamwork solving.

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THIS WEEK'S *KEN*tertainment



Cave In...

Five miners charged out of the shaft as the timbers crashed behind them. Jeb was not the first out. Cain was neither first nor last. John Henry pushed out immediately behind Jeb. Preach wasn't second out. Zane was two men behind Preach. In what order did the men race from the mine?

Brought to you by our friends at ThinkFun. www.thinkfun.com

Find the solution at the bottom of the answer key.

For more KenKen of all sizes and difficulty levels, visit www.kenken.com

+

3+		4+
5+		
1	5+	

26-1 www.kenken.com

+

5+		3+
3+	3	
	4+	

26-2 www.kenken.com

+ -

2-		3+
3+	8+	

26-3 www.kenken.com

+ -

1-	5+	2
1	1-	

26-4 www.kenken.com

×

6×	12×	
	3×	

26-5 www.kenken.com

× ÷

3÷		2×
6×	2×	
		3

26-6 www.kenken.com

+

8+			8+
1	7+		
5+			9+
	2		

26-7 www.kenken.com

+

3+		4	8+
5+			
7+		3+	
1	9+		

26-8 www.kenken.com

+ -

6+		7+	
	3+		3-
13+		6+	

26-9 www.kenken.com

× ÷

24×		2÷	
	1	12×	
3×	8×		6×
		4	

26-10 www.kenken.com

+ - × ÷

2÷		6×	
12×	2-	3+	
			48×
1-			

26-11 www.kenken.com

+ - × ÷ Challenging

6+		3-	
24×		4	2÷
		8+	
3-			

26-12 www.kenken.com

5x5

+

12+			3+	6+
3+	6+	8+		
			9+	8+
8+	6+			
		6+		

26-13

www.kenken.com

+ -

5+		9+		6+
1-	11+	4-		
		4	9+	
1		5+		
6+			2-	

26-14

www.kenken.com

+ - × ÷

9×		14+		7+
2÷				
	2-		2÷	
5	8×		2-	
2÷			15×	

26-15

www.kenken.com

+ - × ÷ Challenging

2÷		3	1-	2-
6×	5+	20×		
			2÷	
1-	6×			9+
	4-			

26-16

www.kenken.com

Challenging

+ - × ÷

72×	8+		8+		
		3÷		6+	1-
	1-	6+	10+		
12+					6
		1-		5-	
5-		14+			

26-17

www.kenken.com

Extra Challenging

+ - × ÷

72×			40×	6+	5
1-	2	6+			5-
	30×			72×	
					1-
1-	2-		3÷	24×	
	6+				

26-18

www.kenken.com

+ - × ÷ Challenging

210×			6-		2-	
3÷			2÷	3-	12+	9+
28×	9+					
		20×	1	2÷		
2-					1-	3÷
24×		2÷	12+			
			2÷		2-	

26-19

www.kenken.com

+ - × ÷ Extra Challenging

72×			12+		4÷		8+
10+		16+		7	2÷		
11+			2÷	3-		6-	
	1-				11+		
3-	10+	9+		21+			2÷
			2÷	4-		4-	
48×		20×		2-			2÷
21×				13+			

26-20

www.kenken.com

Bonus Puzzle

There are several ways to enjoy KenKen. Try this 9x9!

9x9 puzzles are currently the largest sized KenKen. Challenge yourself!

+ - × ÷ Extra Challenging

16+		72×		4	4-		1-	
			17+		3-		4-	1
17+	8	8-	21+		30+	1-		8+
			3÷					
15×	5-	3				3÷	7-	96×
		3-	63×	6-				
	20×				12+		1296×	
8				2÷				
3÷		11+		1-		13+		

www.kenken.com

HOW TO PLAY KENKEN®

1. Fill in each square with a single number. In a 3x3 grid, use the numbers 1 through 3. In a 4x4 grid, use the numbers 1 through 4. In a 5x5 grid, use the numbers 1 through 5...and so on.
2. Do not repeat numbers in any individual row or column. For example, in a 3x3 grid, each column and each row should be filled in with the numbers 1, 2, and 3, with no duplication.
3. Each heavily outlined set of squares is called a “cage.” The numbers in each cage must combine (in any order) to produce the target number indicated in the top corner by using the mathematical operation next to the target number.
4. A number may be repeated within a cage as long as it is not in the same row or column.

HINTS

1. First fill in single box cages, called “freebies,” with the number in the top left corner.
2. Note the candidates (all possible numbers for each square) for each remaining square and then determine the correct numbers by math, logic, and process of elimination.
3. Each puzzle has one unique solution.

Hello, I'm Lulu, the KenKen Guru.
Did you know the Japanese word,
Kengaeu, means “to think”?



ANSWER KEY

3+		4+
2	1	3
5+		
3	2	1
1	5+	
1	3	2

26-1 www.kenken.com

5+		3+
3	2	1
3+	3	
1	3	2
	4+	
2	1	3

26-2 www.kenken.com

2-		3+
3	1	2
3+	8+	
2	3	1
1	2	3

26-3 www.kenken.com

1-	5+	2
3	1	2
	3	1
2	3	1
1	2	3

26-4 www.kenken.com

6×	12×	
1	2	3
	3	1
3	1	2
2	3	1

26-5 www.kenken.com

3÷		2×
1	3	2
6×	2×	
3	2	1
	3	
2	1	3

26-6 www.kenken.com

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

26-7 www.kenken.com

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

26-8 www.kenken.com

6+		7+	
1	2	4	3
	3+		3-
3	1	2	4
13+		6+	
2	4	3	1
4	3	1	2

26-9 www.kenken.com

24×		2÷	
4	3	2	1
	1	12×	
2	1	3	4
3×	8×		6×
3	4	1	2
1	2	4	3

26-10 www.kenken.com

2÷		6×	
2	4	3	1
12×	2-	3+	
4	3	1	2
	3	1	2
48×			
3	1	2	4
1-			
1	2	4	3

26-11 www.kenken.com

6+		3-	
2	3	1	4
24×		4	2÷
3	1	4	2
	4	2	3
8+			
4	2	3	1
3-			
1	4	2	3

26-12 www.kenken.com

12+		3+	6+
4	3	5	1
3+	6+	8+	
1	5	3	2
		9+	8+
2	1	4	5
8+	6+		
3	2	1	4
	6+		
5	4	2	3

26-13 www.kenken.com

5+		9+	6+
2	3	5	4
1-	11+	4-	
4	2	1	5
		4	9+
3	5	4	1
1	4	2	3
6+		5+	
5	1	3	2
		2-	
		3	2

26-14 www.kenken.com

9×		14+	7+
3	1	4	5
2÷			
2	3	5	4
	2-		2÷
1	5	3	2
5	8×		2-
5	4	2	1
2÷		15×	
4	2	1	3
		3	5

26-15 www.kenken.com

2÷		3	1-	2-
1	2	3	4	5
6×	5+	20×		
2	1	4	5	3
			2÷	
3	4	5	2	1
1-	6×			9+
5	3	2	1	4
	4-			
4	5	1	3	2

26-16 www.kenken.com

72×	8+	8+		
6	4	3	1	5
		3÷	6+	1-
4	1	6	2	3
	1-	6+	10+	
3	2	5	6	1
12+				6
5	3	1	4	2
		1-	5-	
2	5	4	3	6
5-		14+		
1	6	2	5	4

26-17 www.kenken.com

72×		40×	6+	5
6	3	4	2	1
1-	2	6+		5-
3	2	1	4	5
	30×			
2	6	3	5	4
				1-
1	5	2	6	3
1-	2-	3÷	24×	
5	4	6	1	2
	6+			
4	1	5	3	6

26-18 www.kenken.com

210×		6-	2-	
3	5	2	7	1
3÷		2÷	3-	12+
2	6	7	3	5
28×	9+			9+
7	3	4	6	2
	20×	1	2÷	
4	2	5	1	6
			1-	3÷
5	7	1	4	3
2-				
24×	2÷	12+		
1	4	6	5	7
		2÷	2-	
6	1	3	2	4

26-19 www.kenken.com

72×		12+	4÷	8+
4	6	3	7	5
10+	16+	7	2÷	
1	4	6	8	7
11+		2÷	3-	6-
8	5	2	3	4
	1-		11+	
3	7	8	6	1
3-	10+	9+	21+	2÷
2	1	4	5	6
		2÷	4-	4-
5	2	7	1	8
6	8	5	2	3
48×	20×	2-		2÷
7	3	1	4	2
		13+		
21×				
7	3	1	4	2

26-20 www.kenken.com

Bonus Puzzle:

16+		72×	4	2-	1-
2	1	6	3	4	5
		17+	9	2	5
7	6	4	8	9	2
17+	6	8-	21+	30+	1-
6	8	1	5	3	9
		3÷			7-
4	7	9	2	8	6
15×	5-	3			96×
1	4	3	6	5	7
		63×	6-		
3	9	5	7	1	8
	20×		12+	1296×	
5	2	8	9	7	4
8	5	2	1	6	3
3÷	11+	1-	13+		
9	3	7	4	2	1

www.kenken.com

This Week's KENtertainment:

Answer: Preach was first; Cain was second; Zane was third; Jeb was fourth; and John Henry was last.

Here's how: Based on the question we can establish; Jeb, Cain, John Henry and Zane were not first; therefore, Preach must have been first. Immediately, Zane was third. If John Henry was right behind Jeb, then they must take the only two adjacent spots, fourth and fifth. Cain finally settles into the only remaining open spot, second place.