KEN KEN
CLASSROOM
The Puzzle That Makes You Smarter™

Dear Educator,

Thank you for joining KenKen Classroom. For the 2010-2011 school year we will be sending a selection of KenKen puzzles *weekly* for you to share with your students & fellow teachers.

Our goal is to provide teachers with tools to make math fun and engaging to students of all ages. The weekly puzzle packs will include puzzles of different sizes and difficulty levels, allowing you to select the most appropriate puzzles for your class.

Educators everywhere are rallying around the concept of:

THINKK™ (Teach, Help, Inspire, Nurture, KenKen).

We hope to bring a great fun and educational experience to your classroom everyday! Please feel free to introduce KenKen to other teachers and friends.

For more KenKen of all sizes and difficulty levels, visit www.kenken.com
For tips and hints on solving puzzles, visit www.kenken.com/solvingtips

Sincerely,

Robert Fuhrer, President
KenKen Puzzle, LLC
classroom@kenken.com

KENKEN® unto others…

KEN KEN CLASSROOM

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RULES FOR KENKEN®

Fill the grid with digits so as not to repeat a digit in any row or column, and so the digits within each heavily outlined box or boxes (called a cage) will produce the target number shown in that cage by using the operation (addition, subtraction, multiplication, or division) shown by the symbol after the numeral.

For single box cages, simply enter the number that is shown in the corner.

So, for example, the notation 6+ means that the numerals in the cage should add up to 6, and the notation 48x means that by multiplying the numbers in the cage you will get 48. A 4x4 grid will use the digits 1-4. A 5x5 grid will use 1-5. A 6x6 grid will use 1-6, and so on.

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14-01

+

3	6+	
3+		4+
	2	

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14-02

+

3	3+	
3+	7+	2

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14-03

+ −
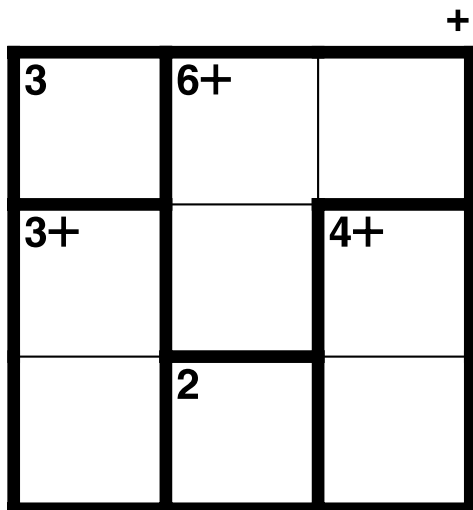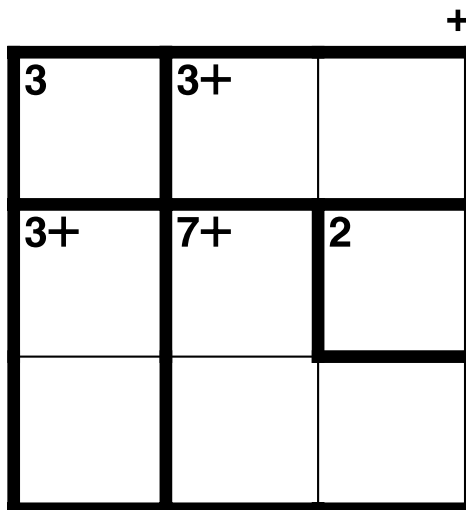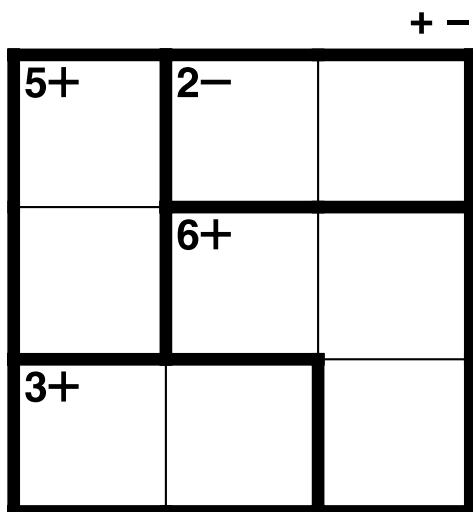
5+	2−	
	6+	
3+		
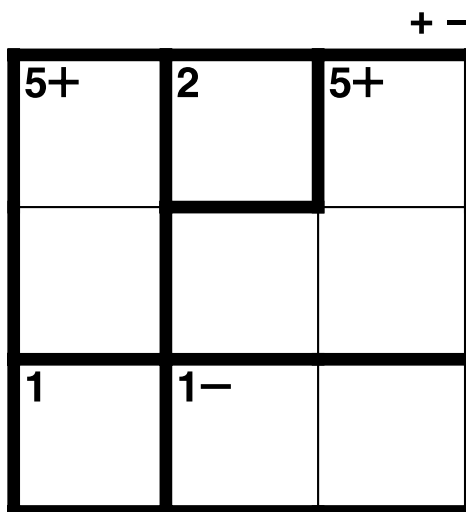
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14-04

+ −

5+	2	5+
1	1−	

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×

2	6×	
3×		
	6×	

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×

6×	2×	
		18×

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× ÷

3÷		2×
6×		
1	6×	

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× ÷

6×		2×
3×		
1	6×	

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+ − × ÷

2÷		6×
3		
1−		

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+ − × ÷

12×		1
1		1−
3÷		

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Easy +

1	7+		5+
6+		3+	
7+			8+
3+			

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Easy +

5+	1	3+	7+
	9+		
5+			3+
	7+		

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Easy   + −

1−		10+	
6+			3−
2−	5+		
	3−		2

Easy   + −

4+	3+	4	7+
		6+	
7+			1−
6+			

Easy   ×

12×	3	2×	24×
16×	12×		
			1

Easy   × ÷

12×	6×	1	2÷
		2÷	
4×			3
2÷		12×	

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Easy

+ − × ÷

1−	3	3−	
	3−		6×
3−		2	
2÷		7+	

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14-17

Medium

+ − × ÷

8×	3−		3
	1−	4+	
		1−	2÷
7+			

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14-18

Medium

+

5+	9+	5+		8+
		12+		
5+			7+	
8+	2			11+
	3+			

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14-19

Medium

+ −

10+		2	6+	
	3+		1−	
7+	1−		2−	
	5+		1−	
4−		1−		2

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14-20

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Medium ×

40×			5	6×
15×		12×		
		10×		8×
24×				
	4×		15×	

14-21

Medium × ÷

60×		2÷		4
	12×	15×	2÷	
			10×	
20×		12×	60×	
	1			

14-22

Easy + − × ÷

10×		15×	8×	
1−				4−
8+	3−	2÷		
		5+	13+	
3+				

14-23

Medium + − × ÷

80×		6×		1−
7+		4−		
		2÷	16+	
9+			2−	
	4−			

14-24

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Teamwork Puzzle + − × ÷

30×			11+		13+
6+	1−	1−			
			1−	10×	3−
	144×	6+			
			2÷	13+	
11+					

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14-25

Teamwork Puzzle + − × ÷

2−		6+		6×	
5−	2−		20×		12+
	11+		10+		
3	14+			13+	
					6×
2÷		2−			

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14-26

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14-23 14-24 14-25 14-26

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