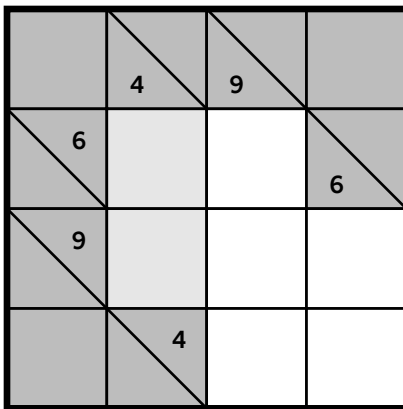




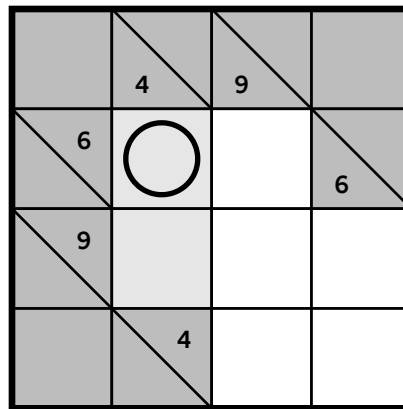
Learn a new puzzle

Cross Sums

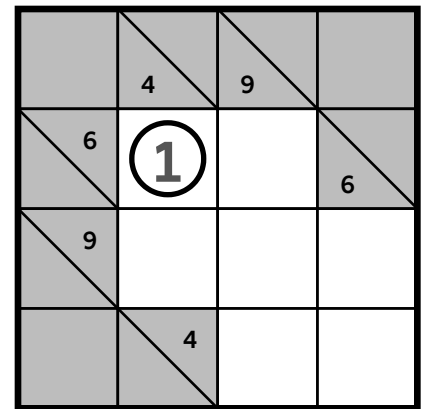
Use digits from 1 to 9. No digit repeats in a run. A run is the white squares in a line, across or down, between gray squares. Each run adds to the clue before it.

Trick: Only one set**1**

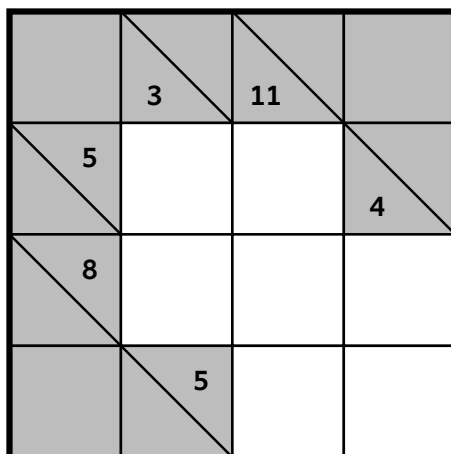
4 in 2 squares can only be 1 + 3. Write those digits small in its squares.

2

Where an across run meets a down run, the digit must fit both lists.

3

This square has only 1 left: it is the one digit both of its runs allow.

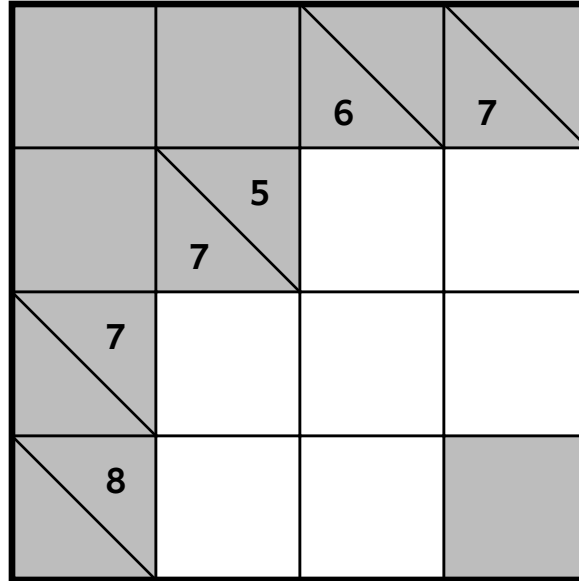
Try it

The answer is with the other answers.

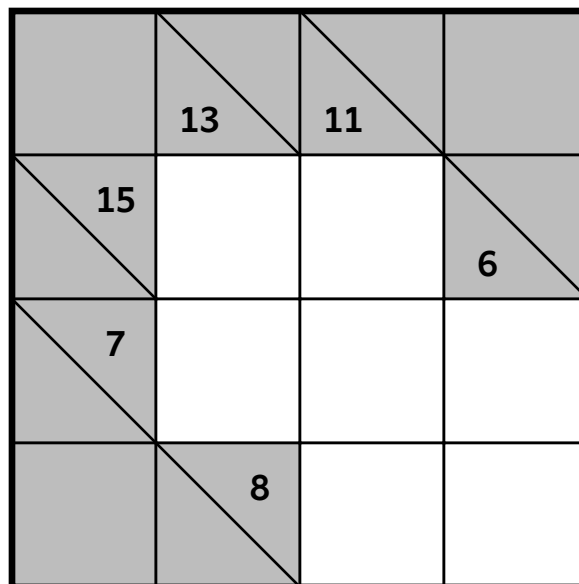
Talk about it: Ask: Which digits can make this total in this many squares?

**1****Cross Sums**

Use digits from 1 to 9. No digit repeats in a run. Each run adds to the clue before it. A run is the white squares in a line, across or down, between gray squares.

**2****Cross Sums**

Use digits from 1 to 9. No digit repeats in a run. Each run adds to the clue before it. A run is the white squares in a line, across or down, between gray squares.



**3****Cross Sums**

Use digits from 1 to 9. No digit repeats in a run. Each run adds to the clue before it. A run is the white squares in a line, across or down, between gray squares.



	15	21	
17			17
22			
	14		

4**Cross Sums**

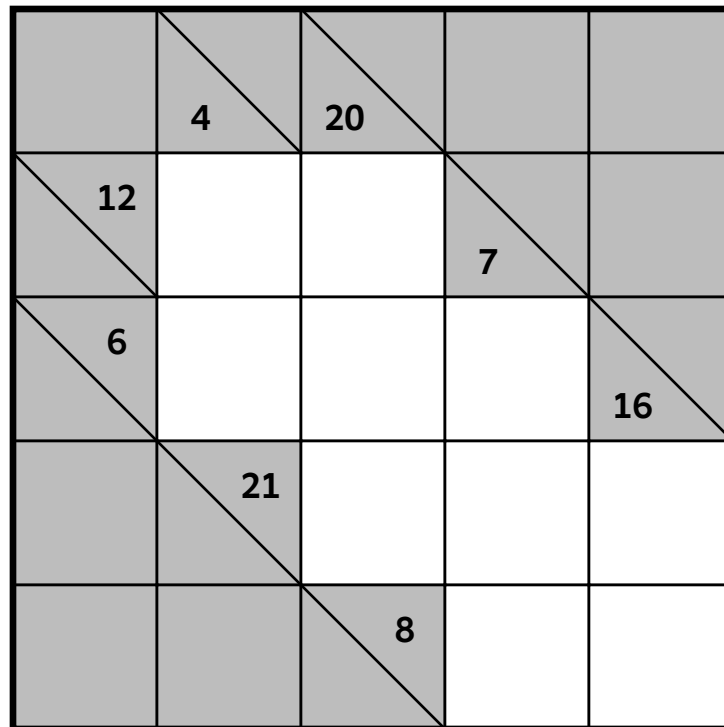
Use digits from 1 to 9. No digit repeats in a run. Each run adds to the clue before it. A run is the white squares in a line, across or down, between gray squares.



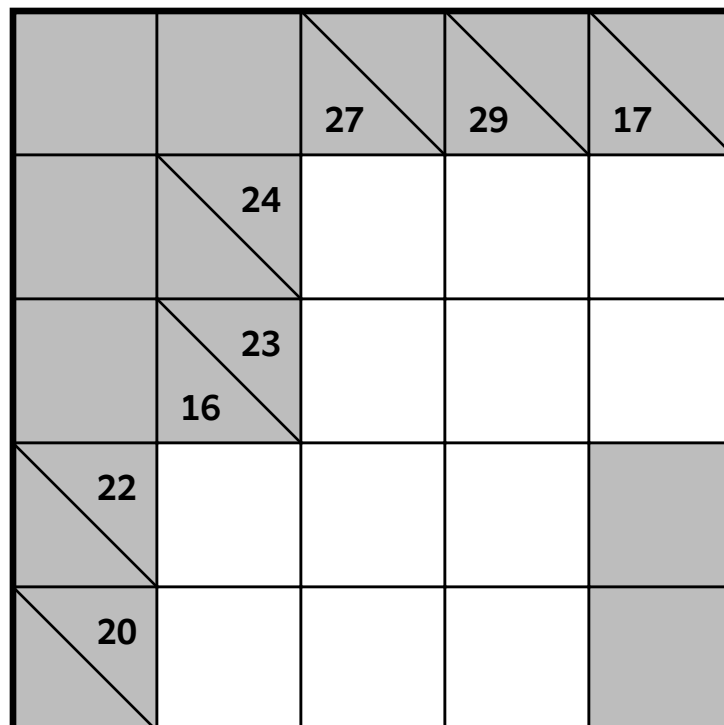
	23	9	7
17			
12			
10			

**5****Cross Sums**

Use digits from 1 to 9. No digit repeats in a run. Each run adds to the clue before it. A run is the white squares in a line, across or down, between gray squares.

**6****Cross Sums**

Use digits from 1 to 9. No digit repeats in a run. Each run adds to the clue before it. A run is the white squares in a line, across or down, between gray squares.



**7****Cross Sums**

Use digits from 1 to 9. No digit repeats in a run. Each run adds to the clue before it. A run is the white squares in a line, across or down, between gray squares.



	23	9		
9			11	10
13				
28				
		3		

**8****Cross Sums**

Use digits from 1 to 9. No digit repeats in a run. Each run adds to the clue before it. A run is the white squares in a line, across or down, between gray squares.



	14	29			
16			16	14	
17					
	12				16
	29				
			15		

**9****Cross Sums**

Use digits from 1 to 9. No digit repeats in a run. Each run adds to the clue before it. A run is the white squares in a line, across or down, between gray squares.



			3	16	
		5			11
	26				
12			6		
11			5		
	8				

**10****Cross Sums**

Use digits from 1 to 9. No digit repeats in a run. Each run adds to the clue before it. A run is the white squares in a line, across or down, between gray squares.



					18	9
	11	33	9	6		
23				8		
				19		
16						6
	28					
	14					
16			11			
11						

**Answers** For grown-ups. Cut off or keep this page aside until the puzzles are done.**Learn • Cross Sums**

	3	11	
5	1	4	4
8	2	5	1
	5	2	3

#1

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

The 7 down can only be 1 + 6 or 2 + 5 or 3 + 4 now, so this square can't be 1, 2, 4, 7, 8, 9.

#2

	13	11	
15	9	6	6
7	4	2	1
	8	3	5

The 13 down can only be 4 + 9 now, so this square can't be 1, 2, 3, 4, 5, 6, 7, 8.

#3

	15	21	
17	9	8	17
22	6	7	9
	14	6	8

The 15 down can only be 6 + 9 or 7 + 8 now, so this square can't be 1, 2, 3, 4, 5, 8, 9.

#4

	23	9	7
17	8	5	4
12	9	1	2
10	6	3	1

The 9 down can only be 1 + 2 + 6 or 1 + 3 + 5 or 2 + 3 + 4 now, so this square can't be 7, 8, 9.

#5

	4	20	
12	3	9	7
6	1	3	2
	21	8	4
		8	1
			7

The 20 down can only be 3 + 8 + 9 now, so this square can't be 1, 2, 3, 4, 5, 6, 7.

#6

		27	29	17
	24	9	7	8
	23	6	8	9
22	9	8	5	
20	7	4	9	

The 27 down can only be 3 + 7 + 8 + 9 or 4 + 6 + 8 + 9 or 5 + 6 + 7 + 9 now, so this square can't be 1, 2.

#7

	23	9		
9	8	1	11	10
13	6	2	1	4
28	9	6	8	5
		3	2	1

The 9 down can only be 1 + 2 + 6 or 1 + 3 + 5 or 2 + 3 + 4 now, so this square can't be 7, 8, 9.

#8

	14	29		
16	9	7	16	14
17	5	9	1	2
	12	5	6	1
	29	8	9	5
		15	6	9

The 14 down can only be 5 + 9 now, so this square can't be 7.



Answers

For grown-ups. Cut off or keep this page aside until the puzzles are done.

#9

			3	16	
		5	1	4	
	28				11
	26	8	2	9	7
	5				
12	3	9	6	2	4
		5			
11	2	5	3	1	
	8	6	2		

The 5 across can only be 1 + 4 or 2 + 3 now, so this square can't be 1, 2, 5, 6, 7, 8, 9.

#10

				18	9
	11	33	9	6	2
					4
23	9	8	6	8	3
			19		5
16	2	3	1	6	4
					6
	28	9	2	5	8
	14				4
16	9	7	11	8	1
					2
11	5	6			

The 18 down can only be 1 + 2 + 3 + 4 + 8 or 1 + 2 + 3 + 5 + 7 or 1 + 2 + 4 + 5 + 6 now, so this square can't be 9.