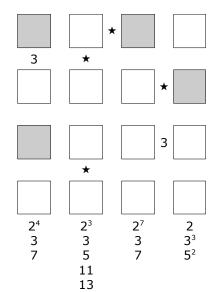
thegriddle

by david millar July 4, 2006

foursquared

by debbierahav

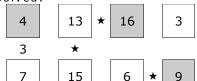
Four squared is a great puzzle sent to me by Debbie Rahav. Here's a sample puzzle and solution to start off:



#108

Solved:

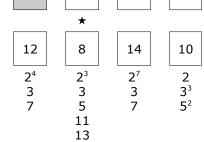
1





11

3 | 5



#108

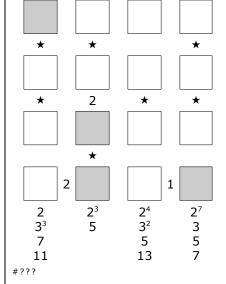
If you enjoyed these puzzles, let Debbie know by emailing her: debbiekatzrin@yahoo.com debbierahav Four Squared consists of a 4x4 grid with each number from 1 to 16 in it. Arrange the numbers in the cells so that all of the conditions below are met:

- The darkened cells each contain a perfect square (1, 4, 9, 16)
- A number between squares represents the difference between them. The difference between two squares with a star between them is 3 or less. The difference between any other two squares with no marker is 4 or more.
- The product of each column must be the same as the product of the prime numbers given.

Some things to look for in the first grid are:

- Firstly, look for columns with dark squares and several threes. There should be a 9 there.
- Secondly, look at the farthest left column. If you knew there was a 4 in that dark square, and you saw the 3 below that box, the other box next to the 3 would be 1 or 7. Since the other box isn't dark, it's 7.

Here are some puzzles for you to try:



		*				*	
]]	*
		*					
	3			1		1 1	
	*			1	1	1 1	
		3					
	2 ³ 3 ³ 5 7		2 ⁴ 3 7 13	ı	2 ⁵ 3	J	2 ³ 3 5 ² 11
# 1	14			,] , [
		*		*		*	
]]	
			*	1	*	1 1	
		1		*		*	
			*	1			
		*					
#8	2 ⁴ 3 ³ 5		2 ⁵ 5 7 ²	J	3 5 11	J	2 ⁶ 3 ² 13
						*	
				J		J	
						*	
				1	*	, ,	
		1		*		1	
	*			1	*]	
				*			
	2 ⁸ 3 11		2 ² 3 5 ³		2 ⁴ 3 7	•	2 3 ³ 7

13

#117