



## Problem of the Week

### Problem D

#### What's in That Square?

Fourteen squares are placed in a row forming the grid below. Each square is to be filled with a positive integer, according to the following rules.

1. The product of any four integers in adjacent squares is 120.
2. Integers may appear more than once in the grid.

Four of the squares are already filled with a positive integer, as shown. Determine all possible values of  $x$ .

		2			4			$x$			3		
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