## Problem of the Week Problem E <br> Fill ALL the Squares

Twelve squares are placed in a row forming the grid below. Each square is to be filled with an integer. After the third square, each integer in a square is the sum of the previous three integers. If we know the third integer is 6 , the sixth integer is 11 , and the eleventh integer is 14 , determine all of the integers in the grid.

|  |  | 6 |  |  | 11 |  |  |  |  | 14 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

