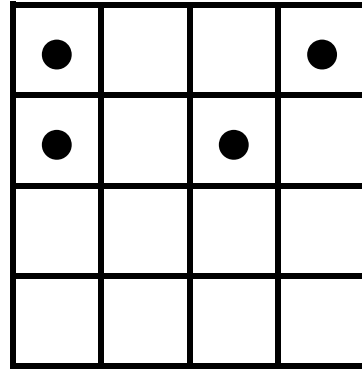
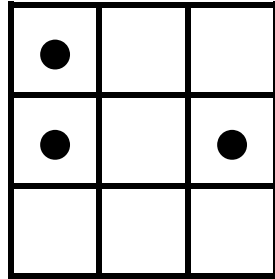


Maths Item of the Month June 2010

Arrange n counters in the cells of an $n \times n$ grid in such a way that distances between pairs of counters are all different. (Distances are measured in a straight line connecting the centres of the occupied cells.)

Solutions for $n = 3$ and $n = 4$ are shown below.



$n = 5, 6, 7$ are also possible. Can your students find any of these arrangements?

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