Task One

Look at the number square below.

* Pick any number – circle it. Now cross out every other number in the same row and the same column.
* Pick any number that remains. Circle it, and as before, cross out every other number in the same row or column.
* Repeat this again.
* You will now have four numbers left that are neither circled nor crossed out. Again, choose one of them, circle it, and cross out the numbers in the same row or column.
* Circle the one number you are left with.
* Find the total of your five circled numbers. Share your result with a friend.

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| **19** | **8** | **11** | **25** | **7** |
| **12** | **1** | **4** | **18** | **0** |
| **16** | **5** | **8** | **22** | **4** |
| **21** | **10** | **13** | **27** | **9** |
| **14** | **3** | **6** | **20** | **2** |

**Task Two**

* Create your own 5 by 5 ‘magic matrix’ – but with a mystery total of 63. Try these numbers as your starting point: 2, 5, 7, 9, 16, 11, 3, 0, 9, 1. Use them to make an addition grid below:

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* Now rewrite the ‘magic matrix’ in the grid below without your row and column headings.
* Fold the paper over to hide your working out. Swap with a friend and check that the process gives a ‘mystery total’ of 63

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**Task Three**

* Now repeat the task with a mystery total of 6.
* Use these numbers as your starting point: , , , 1, 0, 1, , , , 1

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* As in Task Two, use the blank grid below to create a puzzle for a friend to try out.

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**Task Four**

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