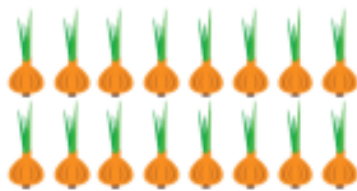# Use Arrays

1. Farmer Ted is planting his crops on his farm.

> I need to grow potatoes, carrots and onions. There needs to be 48 vegetables in total.

He thinks this is a good way to plant them:

8 lots of 2   **5 lots of 4**   **1 lot of 12**

What other ways could he plant the vegetables so that he still has 48 in total? How many of each type would he have? Use arrays to show other ways he can plant the 3 vegetables. **Various answers, example shown above.**

DP

2. The Year 2 children are putting on a show for their friends and family. They need to set up the hall by putting out a chair for each member of the audience to sit on.

The chairs need to be in equal rows and there are between 50 and 70 people coming to watch the show.

Using arrays, explore the different ways the children could set out the chairs so that each member of the audience has 1 chair each. **Various answers, for example: If there are 60 people in the audience the chairs could be set out in 4 lots of 15.**

DP

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Discussion Problems – Use Arrays **ANSWERS**