You have already been working with number sequences. In the table below there are some **spatial sequences** (growing patterns).

Each row shows the first three (or four) terms in a growing pattern.

Draw the next three terms in each spatial sequence. Describe how you see the pattern growing in each case.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Growing pattern** | **Next three** | **What do you see?** |
| **1** | **http://kangaroomaths.com/members/resources/Y8BringOnTheMaths/images/problem8.gif** |  |  |
| **2** | **http://kangaroomaths.com/members/resources/Y8BringOnTheMaths/images/problem7.gif** |  |  |
| **3** | **http://kangaroomaths.com/members/resources/Y8BringOnTheMaths/images/problem6.gif** |  |  |
| **4** | **http://kangaroomaths.com/members/resources/Y8BringOnTheMaths/images/problem9.gif** |  |  |
| **5** | **http://kangaroomaths.com/members/resources/Y8BringOnTheMaths/images/problem10.gif** |  |  |
| **6** | **http://kangaroomaths.com/members/resources/Y8BringOnTheMaths/images/problem5.gif** |  |  |
| **7** | **http://kangaroomaths.com/members/resources/Y8BringOnTheMaths/images/problem22.gif** |  |  |
| **8** | **http://kangaroomaths.com/members/resources/Y8BringOnTheMaths/images/problem13.gif** |  |  |
| **9** | **http://kangaroomaths.com/members/resources/Y8BringOnTheMaths/images/problem14.gif** |  |  |
| **10** | **http://kangaroomaths.com/members/resources/Y8BringOnTheMaths/images/problem21.gif** |  |  |
| **11** | **http://kangaroomaths.com/members/resources/Y8BringOnTheMaths/images/problem17.gif** |  |  |

Make up some similar problems for a work partner to solve