**Template 5 - Recognising Patterns**

**What are the missing numbers in the following patterns? Describe the pattern e.g. multiply by 2 etc.**

|  |  |
| --- | --- |
| **Missing numbers** | **Describe pattern** |
| 1. 6, 12, 24, 48 , 96 , 192 | **Multiplying by 2** |
| 1. 8, 4, 2, 1, , , , | **Dividing by 2** |
| 1. 1, , , , , , | **Dividing by 4** |
| 1. 4, 16, 64 , 256, 1024, 4096 | **Multiplying by 4** |
| **Challenge Questions**   1. 3, 9, 27 , 81 , 243 , 729 | **Multiplying by 3** |
| 1. , , , , , | **Dividing by 3** |