**The Four Fours Problem**

**Can you make every number between 1 and 20 using only 4, 4, 4, 4 and any operation?**

For example:

|  |  |
| --- | --- |
| **1 can be written as 4÷4 + (4 - 4)** | **20**can be written as**(4÷4 + 4) x 4** |

***Note: There may be more than one way to write a number. Also, some numbers cannot be written using four 4s and any operation.***

|  |  |  |  |
| --- | --- | --- | --- |
| **1** |  | **11** |  |
| **2** |  | **12** |  |
| **3** |  | **13** |  |
| **4** |  | **14** |  |
| **5** |  | **15** |  |
| **6** |  | **16** |  |
| **7** |  | **17** |  |
| **8** |  | **18** |  |
| **9** |  | **19** |  |
| **10** |  | **20** |  |