

### Four 4's

Which numbers between 1 and 20 can you make using only 4, 4, 4, 4 and any operation (+, −, ×, ÷,  $\sqrt{\quad}$ , etc.)?

For example: 1 can be written as  $4 \div 4 + (4 - 4)$

You must use all four 4s.

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