1 **7** **4** **+** **−**

Combinations of the numbers above and the mathematical operations can produce all the numbers from 1 to 10 except 9.

1 = 1
2 = 7 - 4 - 1
3 = 7 - 4
4 = 4
5 = 4 + 1
6 = 7 - 1
7 = 7
8 = 7 + 1
9 = **no solution**
10 = 7 + 4 - 1

Think About

- Can you find three single digit numbers that can produce **all** the numbers from 1 to 10?

- Can you find **four** numbers which could be used with "+" and "-" to make all the numbers from **1 to 20**?