

Project name : PEMDAS[^]

Using the four integers 1, 2, 3 and 4 once each — in any order — and three arithmetic operations selected from among addition, subtraction, multiplication, and division, is it possible to write an expression whose value is 1?

Using the same numbers and conditions, how many of the integers from 1 to 10 can you form? You may use parentheses if needed.

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

[^] Based on Exeter-Math Book1, Question 50.