Os números naturais de 1 a 10 foram escritos, um a um, sem repetição, em dez bolas de pingue-pongue. Se duas delas forem escolhidas ao acaso, qual o valor mais provável da soma dos números sorteados?

2: $(1, 1)$
3: $(1, 2), (2, 1)$
4: $(1, 3), (2, 2), (3, 1)$
5: $(1, 4), (2, 3), (3, 2), (4, 1)$
6: $(1, 5), (2, 4), (3, 3), (4, 2), (5, 1)$
7: $(1, 6), (2, 5), (3, 4), (4, 3), (5, 2), (6, 1)$
8: $(1, 7), (2, 6), (3, 5), (4, 4), (5, 3), (6, 2), (7, 1)$
9: $(1, 8), (2, 7), (3, 6), (4, 5), (5, 4), (6, 3), (7, 2), (8, 1)$
10: $(1, 9), (2, 8), (3, 7), (4, 6), (5, 5), (6, 4), (7, 3), (8, 2), (9, 1)$
11: $(1, 10), (2, 9), (3, 8), (4, 7), (5, 6), (6, 5), (7, 4), (8, 3), (9, 2), (10, 1)$
12: $(2, 10), (3, 9), (4, 8), (5, 7), (6, 6), (7, 5), (8, 4), (9, 3), (10, 2)$
13: $(3, 10), (4, 9), (5, 8), (6, 7), (7, 6), (8, 5), (9, 4), (10, 3)$
14: $(4, 10), (5, 9), (6, 8), (7, 7), (8, 6), (9, 5), (10, 4)$
15: $(5, 10), (6, 9), (7, 8), (8, 7), (9, 6), (10, 5)$
16: $(6, 10), (7, 9), (8, 8), (9, 7), (10, 63)$
17: $(7, 10), (8, 9), (9, 8), (10, 7)$
18: $(8, 10), (9, 9), (10, 8)$
19: $(9, 10), (10, 9)$
20: $(10, 10)$

Logo a soma mais provável é 11.