**残差平方和在1000以内的四组解**

{'value': 17.870864386606257, 'weight': 85.553587801796, 'a': 3.0, 'b': 3.0, 'c': 1.0, 'd': 0.0, 'e': 2.0, 'f': 0.0, 'g': 2.0},

{'value': 17.97831690207623, 'weight': 98.64541028379513, 'a': 0.0, 'b': 1.0, 'c': 3.0, 'd': 3.0, 'e': 3.0, 'f': 3.0, 'g': 1.0},

{'value': 19.723978880143747, 'weight': 53.95283177301765, 'a': 1.0, 'b': 2.0, 'c': 2.0, 'd': 1.0, 'e': 1.0, 'f': 2.0, 'g': 0.0},

{'value': 22.744460953960306, 'weight': 181.19431415965346, 'a': 2.0, 'b': 0.0, 'c': 0.0, 'd': 2.0, 'e': 0.0, 'f': 1.0, 'g': 3.0}]

最小weight之和: 419.34614401826224

[{'value': 17.694583611052927, 'weight': 9.882969386856743, 'a': 1.0, 'b': 2.0, 'c': 2.0, 'd': 1.0, 'e': 0.0, 'f': 1.0, 'g': 0.0}

{'value': 17.870864386606257, 'weight': 85.553587801796, 'a': 3.0, 'b': 3.0, 'c': 1.0, 'd': 0.0, 'e': 2.0, 'f': 0.0, 'g': 2.0}

{'value': 17.97831690207623, 'weight': 98.64541028379513, 'a': 0.0, 'b': 1.0, 'c': 3.0, 'd': 3.0, 'e': 3.0, 'f': 3.0, 'g': 1.0}

{'value': 21.903991661408526, 'weight': 256.1907190049526, 'a': 2.0, 'b': 0.0, 'c': 0.0, 'd': 2.0, 'e': 1.0, 'f': 2.0, 'g': 3.0}]

最小weight之和: 450.2726864774005

{'value': 17.69850929319953, 'weight': 438.6529050359805, 'a': 3.0, 'b': 3.0, 'c': 1.0, 'd': 0.0, 'e': 2.0, 'f': 0.0, 'g': 3.0},

{'value': 17.97831690207623, 'weight': 98.64541028379513, 'a': 0.0, 'b': 1.0, 'c': 3.0, 'd': 3.0, 'e': 3.0, 'f': 3.0, 'g': 1.0},

{'value': 19.723978880143747, 'weight': 53.95283177301765, 'a': 1.0, 'b': 2.0, 'c': 2.0, 'd': 1.0, 'e': 1.0, 'f': 2.0, 'g': 0.0},

{'value': 22.60466657452447, 'weight': 193.49795800748726, 'a': 2.0, 'b': 0.0, 'c': 0.0, 'd': 2.0, 'e': 0.0, 'f': 1.0, 'g': 2.0}]

最小weight之和: 784.7491051002805

{'value': 17.6499237162191, 'weight': 10.237659115867277, 'a': 0.0, 'b': 1.0, 'c': 3.0, 'd': 3.0, 'e': 2.0, 'f': 3.0, 'g': 1.0},

{'value': 17.694583611052927, 'weight': 9.882969386856743, 'a': 1.0, 'b': 2.0, 'c': 2.0, 'd': 1.0, 'e': 0.0, 'f': 1.0, 'g': 0.0},

{'value': 19.676890869505318, 'weight': 660.001197800129, 'a': 3.0, 'b': 3.0, 'c': 1.0, 'd': 0.0, 'e': 3.0, 'f': 0.0, 'g': 2.0},

{'value': 21.903991661408526, 'weight': 256.1907190049526, 'a': 2.0, 'b': 0.0, 'c': 0.0, 'd': 2.0, 'e': 1.0, 'f': 2.0, 'g': 3.0}]

最小weight之和: 936.3125453078056