1. How many 4-element multisets can be made from the symbols $\{A, B, C, D\}$?

2. In how many ways can 10 identical balls be placed into three boxes?

1. How many 6-element multisets can be made from the symbols $\{A, B, C\}$?

2. In how many ways can 15 identical balls be placed into three boxes?

1.   How many 5-element multisets can be made from the symbols $\{A, B, C, D\}$?

2.   In how many ways can 8 identical balls be placed into three boxes?

1.   How many 5-element multisets can be made from the symbols $\{A, B, C\}$?

2.   In how many ways can 10 identical balls be placed into four boxes?