

The problems below are from ‘Problems for Chapter 1’, pp 16-17.

1. Problem 1, but change the number of letters to 6. Keep the number of numbers at 5.
2. Problem 9, but suppose that 7 blocks are black and 3 are red. Balls of the same color are taken to be indistinguishable.
3. Problem 15, but suppose there are only 11 men.
4. Problem 16, but suppose there are 8 math books.
5. Problem 17, but suppose there are 11 children. The gifts are assumed to be distinguishable.
6. Problem 18, but suppose there are 6 Independents.
7. Problem 19a, but suppose there are 7 men.
8. Problem 28, but suppose there are only 6 teachers and only three schools.
9. Problem 32, but suppose there are 9 people: 6 men and 3 women.

Recommended: More problems from Problems for Chapter 1. But don't hand them in.