

- 1. Experimental evidence
- 2. Pictorial I (L-shaped)
- 3. Pictorial II (Pyramids)
- 4. Arithmetic progression
- 5. Reversed list

6. Telescope

- 8. Rearranging I 9. Rearranging II
- 7. Backwards reasoning 10. Induction
  - 11. Contradiction

12. Linear system

13. Undetermined coefficients