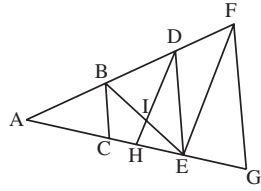
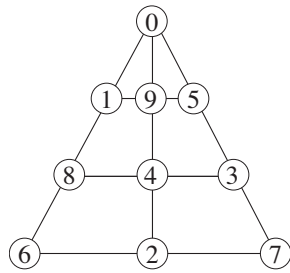


1. 15 triangles : ABC, ABE, ADH, ADE, AEF, AFG, BCE, BDE, BDI, BEF, DEF, DHE, EFG, HIE, IDE



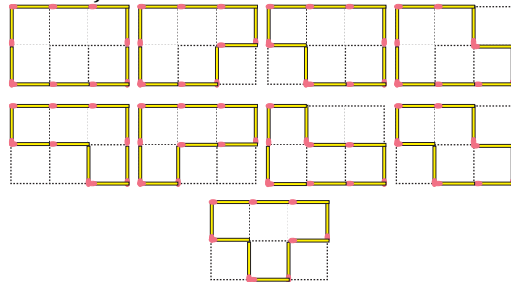
2. 63 plis

3. $a = 0$; $b = 6$; $c = 7$



4. patron n° 3

5. 9 façons



6. 10 tenues

7. 4 parties

8. 24 carreaux

9. 14 et 41

10. PC = 32

11. 8 tours et 32 cubes

12. 90

| | | | |
|----|----|----|----|
| 1 | 20 | 11 | 26 |
| 21 | 39 | 16 | 4 |
| 7 | 23 | 5 | 40 |
| 8 | 10 | 31 | 6 |

13. 8 h 18 min 28 s

14. 120 s ou 2 min

15. 225 cm²

16. 4142 m²
valeur exacte : $10000(\sqrt{2} - 1)$

17. 882 ($3 \times 7 \times 42$)

18. 1473

19. 5,20 (valeur exacte $3\sqrt{3}$)

20. 18

21. 9579 (fraction $19\ 361/9\ 579$)