

EXERCISES 2

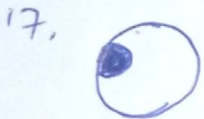
1. If it has rained for the past three weekends most probably it will rain again next weekend and again on Saturday you will cancel your softball game.

3. It will be hard to solve the mystery because if you solve you will not read again.

9. If they have won it for the past four times they will win it again this year because of their experience.

11. 1, 4, 7, 10, 13, 16

15. 1, 1, 2, 3, 5, 8, 13, 21



21.

27. $d = 1 + 2 + 3 + 4 + 5 = \frac{5 \times 6}{2}$

e) $= 1 + 2 + 3 + 4 + 5 + 6 = \frac{6 \times 7}{2}$

31. 25 baseballs

33.

(a) $\cancel{136} \quad 34 \times 4 = \underline{\underline{136}}$

b) Row = 34

Column = 34

diagonals = 40
28

c)

7	12	6	9
10	5	11	8
13	16	2	3
4	1	15	14

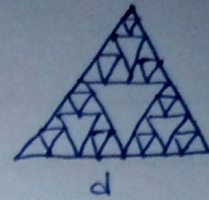
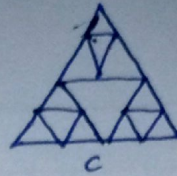
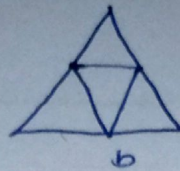
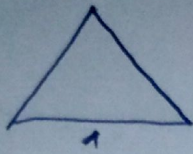
Every row and column the total of all numbers ~~is~~ ^{is} 34.

35.

	1	2	3	4
A	3	4	1	2
B	3	2	1	4
C	2	3	4	1
D	4	1	2	3

39. Julia → Recycling
Caleb → Solar Power
Ethan → Water Conservation
Adrian → Political Issues

47.



59.

12 squares of 1 by 1

2 squares of 2 by 2

1 square of 3 by 3

total of 15 squares

35

	1	2	3	4
A	1 ²⁺ 1	4	3	2
B	3	2	1 ³⁺	4
C	2	1 ¹⁺	4	3 ¹⁺
D	4 ²⁺ 4	3	2	1