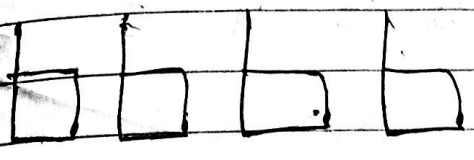


b(i) A →

| | | | |
|---|---|---|----|
| N | 1 | 2 | 3 |
| F | 5 | 9 | 12 |

$F = 4n + 1$



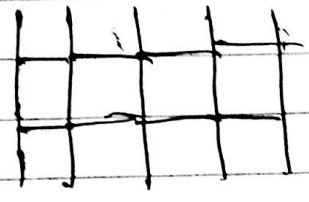
(i) 16th = $16 \times 4 + 1 = 64 + 1 = 65$

30th = $30 \times 4 + 1 = 120 + 1 = 121$

c(i) A →

| | | | |
|---|---|----|----|
| N | 1 | 2 | 3 |
| F | 8 | 13 | 18 |

$F = 5n + 3$



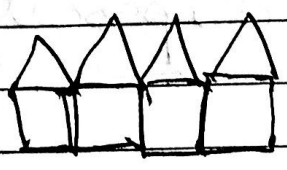
(ii) 16th = $16 \times 5 + 3 = 83$

30th = $30 \times 5 + 3 = 153$

d(i) a →

| | | | |
|---|---|----|----|
| N | 1 | 2 | 3 |
| F | 6 | 11 | 16 |

$F = 5n + 1$



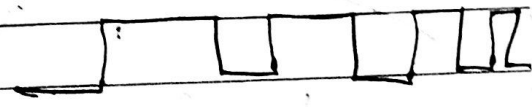
(ii) 16th = 81

30th = 151

e(i) A →

| | | | |
|---|---|---|----|
| N | 1 | 2 | 3 |
| F | 5 | 9 | 13 |

$F = 4n + 1$

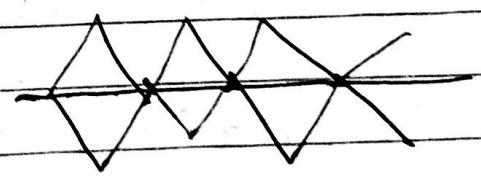


(ii) A → 65 and 121

f(i) A →

| | | | | |
|---|---|---|----|----|
| N | 1 | 2 | 3 | 4 |
| F | 2 | 6 | 10 | 14 |

$F = 4n - 2$



(ii) A → 62 and 118