1. Complete the requested information for these two arithmetic sequences.

(a)   4   7   10   13   ...

(i) term to term rule is ... .

Scaffold   6 7

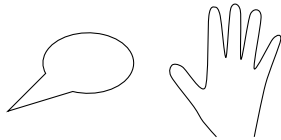| | | 5 | 6 | 7 |
4	5			
		...	...	10
		...	...	13
		...	...	...

(ii) complete the 5th term

(b)   2   7   12   17   ...

(i) term to term rule is ... .

Scaffold

(ii) complete the 5th term

2. Complete the requested information for these two arithmetic sequences.

(a)   1   4   7   10   ...

(i) term to term rule is ... .

Scaffold   3   4

1

2

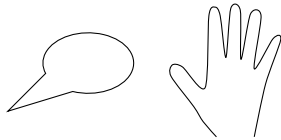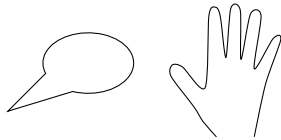|	2	3	4
	...	...	7
	...	...	10
	...	...	...

(ii) complete the 5th term

(b)   2   6   10   14   ...

(i) term to term rule is ... .

Scaffold

(ii) complete the 5th term

3. Complete the requested information for these two arithmetic sequences.

(a)   2   5   8   11   ...

Scaffold   4 5   3   4   5

                2   3   8

                                                11

                                              ...   .

(i) term to term rule is ... .

(ii) complete the 5th term

(b)   9   11   13   15   ...

Scaffold

(i) term to term rule is ... .

(ii) complete the 5th term

4. Complete the requested information for these two arithmetic sequences.

(a)   5   9   13   17   ...   (i) term to term rule is ... .

Scaffold   7 8 9

5   6

(ii) complete the 5th term

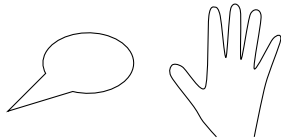| 6	7	8	9
...	...	...	13
...	...	...	17
...	...	...	...

(b)   10   13   16   19   ...   (i) term to term rule is ... .

Scaffold

(ii) complete the 5th term

Answers

1. (a) (i) + 3 (ii) 16
   (b) (i) + 5 (ii) 22

2. (a) (i) + 3 (ii) 13
   (b) (i) + 4 (ii) 18

3. (a) (i) + 3 (ii) 14
   (b) (i) + 2 (ii) 17

4. (a) (i) + 4 (ii) 21
   (b) (i) + 3 (ii) 22