

You will need a scientific calculator with TABLE function and might want to use calcGebraSetUp.pdf

| Q1  | f(X)   | position to term (or $n$ th term) rule | sequence             | term to term rule |
|-----|--------|--|----------------------|-------------------|
| (a) | 2X     | $2n$                                   | 2 4 6 ..... .....    | + 2               |
| (b) | 3X - 2 | $3n - 2$                               | 1 4 7 ..... .....    | + .....           |
| (c) | 3X     | $3n$                                   | 3 6 9 ..... .....    | + .....           |
| (d) | 6X     | $6n$                                   | 6 12 18 ..... .....  | + .....           |
| (e) | 9X     | $9n$                                   | 9 18 27 ..... .....  | + .....           |
| (f) | 11X    | $11n$                                  | 11 22 33 ..... ..... | + .....           |

| calGebra worksheet 1A answers |    |    |    |      |
|-------------------------------|----|----|----|------|
| 8                             | 10 | 12 | 14 |      |
| 10                            | 13 | 16 | 19 | + 3  |
| 12                            | 15 | 18 | 21 | + 3  |
| 24                            | 30 | 36 | 42 | + 6  |
| 36                            | 45 | 54 | 63 | + 9  |
| 44                            | 55 | 66 | 77 | + 11 |

You will need a scientific calculator with TABLE function and might want to use calcGebraSetUp.pdf

| Q1  | f(X)   | position to term (or $n$ th term) rule | sequence             | term to term rule |
|-----|--------|--|----------------------|-------------------|
| (a) | 2X     | $2n$                                   | 2 4 6 ..... .....    | + 2               |
| (b) | 3X - 2 | $3n - 2$                               | 1 4 7 ..... .....    | + .....           |
| (c) | 3X     | $3n$                                   | 3 6 9 ..... .....    | + .....           |
| (d) | 6X     | $6n$                                   | 6 12 18 ..... .....  | + .....           |
| (e) | 9X     | $9n$                                   | 9 18 27 ..... .....  | + .....           |
| (f) | 11X    | $11n$                                  | 11 22 33 ..... ..... | + .....           |

| calGebra worksheet 1A answers |    |    |    |      |
|-------------------------------|----|----|----|------|
| 8                             | 10 | 12 | 14 |      |
| 10                            | 13 | 16 | 19 | + 3  |
| 12                            | 15 | 18 | 21 | + 3  |
| 24                            | 30 | 36 | 42 | + 6  |
| 36                            | 45 | 54 | 63 | + 9  |
| 44                            | 55 | 66 | 77 | + 11 |