

| Section | Exercises  | What to write up                                 | Points           |
|---------|--|--|------------------|
| 1.1     | 1, 2, 4, 6, 9                                      | 2ce, 3, 5, 7, 8                                  | 4+7+7+7+10       |
| 1.2     | 1a, 2b, 3, 4, 5a, 6–9                              | 1b, 2a, 5b, 10b, 11                              | 4+4+7+7+10       |
| 2.1     | 1, 2, 4, 5, 9                                      | 3, 6, 8, 10                                      | 7+7+7+7          |
| 2.2     | 1ab, 2, 4, 5a, 6–8, 9bdg, 10, 12                   | 1cd, 3bdegh, 5b, 9acf, 11                        | 4+10+4+7+10      |
| 2.3     | 1ade, 2, 3, 4ae, 5acf, 6abcdei                     | 1bce, 4bcd, 5bde, 6fghjkl, 7                     | 4+4+4+10+7       |
| 2.4     | 1acd, 2acdeh, 5, 7                                 | 1bef, 2bfg, 3bcd, 4bcd, 6                        | 4+6+4+4+7        |
| 3.1     | 1acfgh, 2, 4, 5, 6, 8, 9, 10, 13, 15               | 1bde, 7, 11, 12, 14                              | 10+7+7+7+7       |
| 3.2     | 3, 4, 7, 9, 11, 13, 14, 16, 18                     | 2, 5, 6, 8, 10, 12, 15                           | 10+7+7+4+7+7     |
| 3.3     | 2, 3ac, 4, 6, 7ab, 9, 10, 11, 13, 14cd, 16, 17, 21 | 3bd, 5, 7cd, 8, 12, 14ab, 15                     | 7+7+7+7+7+10+7   |
| 3.4     | 2, 3, 6, 10, 11, 13                                | 5, 7, 8, 9, 12                                   | 7+7+7+10+7       |
| 3.5     | 3, 4, 6, 7, 10, 12, 13, 14, 16, 17, 18, 19, 21     | 2, 5, 8, 9, 11, 15, 20                           | 7+4+7+7+10+7+10  |
| 4.1     | 1–4, 7, 10, 11, 15                                 | 5bcd, 6, 8, 9abc, 12, 13ecf                      | 7+6+12+6+7+7     |
| 4.2     | 1, 3, 6, 7, 8, 10, 13de, 14, 15, 17                | 2, 4, 5bc, 9, 12, 13abc                          | 4+7+7+7+7+10     |
| 4.3     | 1, 2, 4ac, 6a, 8, 11                               | 3, 5ac, 7, 9, 10ace                              | 4+7+7+7+10       |
| 5.1     | 1, 2, 3b, 4–6, 8–11, 13, 15, 19                    | 3ac, 7, 12, 14, 16                               | 10+7+7+7+4       |
| 5.2     | 1a, 3–5, 7, 8, 10–13, 15, 18                       | 1b, 2, 6, 9, 14, 17                              | 7+7+7+4+7+7      |
| 6.1     | 2, 4, 6  | 1, 3, 5, 7, 8ac                                  | 7+7+10+10+4      |
| 6.2     | 1, 4ad, 5  | 2, 3 using $f(x) = \frac{x^3+5x}{x}$ , 4bc, 6, 7 | 4+4+4+10+7       |
| 6.3     | 2ac, 3, 5ab, 6, 12, 13, 16, 17, 18, 22             | 1, 2b, 4, 5cd, 7, 11, 14, 15                     | 5+4+7+7+10+7+7+7 |
| 6.4     | 1, 2ab, 4, 5, 7aceg                                | 2cd, 3, 6, 7bdfh                                 | 2+4+7+10         |