

| HL Book reference | SL Topic | Comments |
|-------------------|----------|--|
| CHAPTER 1 | | |
| A | 2.7 | Exclude: Exercise 1A.3, question 1(i) |
| B | 2.7 | |
| C | | OMIT |
| D | 2.2,2.4 | Exclude: Exercise 1D.3, question 1(d) |
| E | 2.4 | |
| F | 2.2 | Exclude: Investigation 3 |
| G | 2.8 | |
| H | 2.8 | Exclude: Exercise 1H, questions 8-11 |
| | | Exclude: Review Set 1A, questions 8, 9, 15 Review Set 1B, questions 7, 8 Review Set 1C, questions 12, 14,15 |
| CHAPTER 2 | | |
| A | 2.1 | |
| B | 2.1 | |
| C | 2.1 | Exclude: References to interval notation Exercise 2C, question 5 |
| D | 2.1 | Exclude: Exercise 2D, questions 5-7 |
| E | | OMIT |
| F | 2.2 | Exclude: Exercise 2F, question 4(m-u) |
| G | | OMIT |
| H | | OMIT |
| I | 2.2,2.5 | |
| J | 2.1 | Exclude: One-to-one and many-to-one functions Example 24 Exercise 2J, questions 7, 8, 12-15, 20 |
| K | 2.2 | |
| L | 2.2 | |
| | | Exclude: Review Set 2A, questions 4, 5, 8, 12, 15 Review Set 2B, questions 6-8, 11, 12, 16 Review Set 2C, questions 9, 12, 15, 16 |
| CHAPTER 3 | | |
| A | 1.2 | |
| B | 1.2 | |
| C | 1.2 | |
| D | 1.2 | |
| E | 2.7 | |
| F | 2.2,2.6 | |

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| G | 2.8 | |
| H | 2.2,2.6 | |
| CHAPTER 4 | | |
| A | 1.2 | |
| B | 1.2 | |
| C | 1.2 | |
| D | 1.2 | |
| E | 2.7 | |
| F | 1.2,2.7 | Exclude: Exercise 4F questions 4(b), 5-7 |
| G | 2.2,2.6 | Exclude: Example 26 Exercise 4G question 1(f), 7-10 |
| H | 2.8 | |
| | | Exclude: Review Set 4B, question 11 Review Set 4C, question 10 |
| CHAPTER 5 | | |
| A | 2.3 | |
| B | 2.2,2.3 | Exclude: Exercise 5B, questions 2(e), 4(e) |
| C | 2.2,2.3 | Exclude: Exercise 5C, questions 1(f), 8 |
| D | 2.2,2.3 | Exclude: Exercise 5D, questions 2(d), 7, 9(b) |
| E | 2.2,2.3 | Exclude: Exercise 5E, question 2(d) |
| F | | OMIT |
| G | | OMIT |
| H | | OMIT |
| | | Exclude: Review Set 5A, questions 8-10 Review Set 5B, questions 4(b), 8-11 Review Set 5C, questions 1, 9-11 |
| CHAPTER 6 - OMIT ENTIRE CHAPTER | | |
| CHAPTER 7 | | |
| A | 1.1 | |
| B | 1.1 | Exclude: Recurrence Formulae Exercise 6B.2 (all questions) Investigation 1, question 1 |
| C | 1.1 | |
| D | 1.1 | |
| E | 1.1 | Exclude: Exercise 7E, questions 5, 7 |
| F | 1.1 | Exclude: Exercise 7F, questions 13, 14 |
| G | 1.1 | Exclude: Exercise 7G.1, questions 7-11 Exercise 7G.2, questions 9-11 |
| | | Exclude: Review Set 7A, questions 12-15 |

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| | | Review Set 7B, questions 1, 14 Review Set 7C, questions 11-14 |
| CHAPTER 8 | | |
| A | | OMIT |
| B | | OMIT |
| C | 1.3 | Exclude: Examples 4-6 Exercise 8C.1, questions 3(c), 4-6 Exercise 8C.2, questions 2(b), 3 |
| D | | OMIT |
| E | | OMIT |
| F | 1.3 | |
| G | 1.3 | Exclude: Exercise 8G, questions 11-18 |
| | | Exclude: Review Set 8A, questions 1-4 Review Set 8B, questions 1, 5, 6 Review Set 8C, questions 1, 2, 7, 8 |
| CHAPTER 9 - OMIT ENTIRE CHAPTER | | |
| CHAPTER 10 | | |
| A | 3.1 | |
| B | 3.1 | Exclude: Exercise 10B, question 13 |
| C | 3.2,3.3 | Exclude: Exercise 10C, question 7 |
| D | 3.2,3.3 | |
| E | | OMIT |
| F | 3.2 | |
| | | Exclude: Review Set 10A, question 13 Review Set 10C, questions 10(b), 11 |
| CHAPTER 11 | | |
| A | 3.6 | |
| B | 3.6 | Exclude: Exercise 11B, questions 10, 11 |
| C | 3.6 | Exclude: Exercise 11C.2, question 8 |
| D | 3.6 | |
| | | Exclude: Review Set 11A, questions 5, 8, 9 Review Set 11B, questions 5, 6 Review Set 11C, questions 7, 8 |
| CHAPTER 12 | | |
| A | 3.4 | |
| B | 3.4 | Exclude: Exercise 12B.1, questions 5, 6 |
| C | 3.4 | |
| D | 3.4 | |
| E | 3.4 | |
| F | 3.4 | |
| G | | OMIT |

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| H | | OMIT |
| | | Exclude: Review Set 12A, questions 7-9 Review Set 12B, questions 7-9 Review Set 12C, questions 7-9 |
| CHAPTER 13 | | |
| A | 3.5 | Exclude: Example 9 Exercise 13A.3, questions 7, 9, 13 |
| B | 3.5 | |
| C | 3.3 | Exclude: Trigonometric identities: $\tan 2\theta + 1 = \sec 2\theta$, $1 + \cot 2\theta = \csc 2\theta$ Exercise 13C.1, question 5 Exercise 13C.2, questions 1(j-m), 2(g-i), 3(e-g) |
| D | 3.3 | Exclude: Double angle formula: $\tan 2\theta = \frac{2\tan\theta}{1-\tan^2\theta}$ Example 17(b) Exercise 13D, questions 6, 7, 13-15 |
| E | | OMIT |
| F | 3.5 | Exclude: Exercise 13F, questions 3, 4 |
| G | | OMIT |
| | | Exclude: Review Set 13A, questions 4, 5, 9-11, 13 Review Set 13B, questions 5, 6, 10-13 Review Set 13C, questions 4(e,f), 5, 8-13 |
| CHAPTER 14 | | |
| A | 4.1 | |
| B | 4.1 | |
| C | 4.1 | |
| D | 4.1 | |
| E | 4.1 | |
| F | 4.1 | |
| G | 4.1 | |
| H | 4.1 | |
| I | 4.2 | Exclude: Collinear Points Example 29 Exercise 14I, questions 11, 12 |
| J | 4.2 | Exclude: Exercise 14J, questions 23-27 |
| K | | OMIT |
| | | Exclude: Review Set 14A, questions 11, 17 Review Set 14B, questions 11, 16 Review Set 14C, questions 8, 14, 18 |
| CHAPTER 15 | | |
| A | 4.1 | |
| B | | OMIT |
| C | 4.3 | Exclude: Exercise 15C, questions 7, 9, 11 |
| D | 4.3 | |

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| E | 4.3 | |
| F | 4.2,4.3 | |
| G | 4.4 | |
| H | 4.4 | Exclude: Augmented Matrices Examples 15, 16 Exercise 15H.1 (all questions) Exercise 15H.2, question 2 |
| I | | OMIT |
| J | | OMIT |
| K | | OMIT |
| | | Exclude: Review Set 15A, questions 7-13, 16, 17 Review Set 15B, questions 7-14, 16-18 Review Set 15C, questions 8-17 |
| CHAPTER 16 - OMIT ENTIRE CHAPTER | | |
| CHAPTER 17 | | |
| A | 6.1 | Exclude: Rules for Limits Example 2 Exercise 17A, question 4 |
| B | 6.1 | Exclude: Example 3 Exercise 17B.1 (all questions) Exercise 17B.2, questions 4, 5 |
| C | | OMIT |
| D | 6.1 | |
| E | 6.1 | |
| F | 6.1 | Exclude: Exercise 17F, questions 7, 8 |
| | | Exclude: Review Set 17A, questions 3, 4 Review Set 17B, questions 3, 4 Review Set 17C, questions 4, 6 |
| CHAPTER 18 | | |
| A | 6.2 | |
| B | 6.2 | |
| C | 6.2 | |
| D | 6.2 | |
| E | | OMIT |
| F | 6.2 | Exclude: The Derivative of a^x Exercise 18F, questions 4, 8, 9 |
| G | 6.2 | Exclude: Exercise 18G, questions 6, 7 |
| H | 6.2 | Exclude: The Derivatives of $\csc x$, $\sec x$, and $\cot x$ Example 17 Exercise 18H, questions 3, 6 |
| I | | OMIT |
| J | 6.2 | Exclude: Exercise 18J, questions 4, 15-18 |
| | | Exclude: |

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|-------------------|---------|---|
| | | Review Set 18A, questions 4(c), 8, 13 Review Set 18B, questions 5(c), 10-13 Review Set 18C, questions 4(c), 10-13 |
| CHAPTER 19 | | |
| A | 6.1 | Exclude: Exercise 19A, questions 8, 12, 13, 20, 21, 24 |
| B | 6.3 | Exclude: Exercise 19B, questions 7, 8(e) |
| C | 6.3 | Exclude: Exercise 19C, questions 12, 15 |
| D | 6.3 | Exclude: Exercise 19D.1, questions 11-13 |
| | | Exclude: Review Set 19A, questions 13, 14 Review Set 19B, question 14 Review Set 19C, questions 14, 15 |
| CHAPTER 20 | | |
| A | 6.3,6.6 | Exclude: Exercise 20.2A, question 10 |
| B | 6.3 | Exclude: Exercise 20B, questions 9, 14 |
| C | 6.3 | Exclude: Exercise 20C, questions 13(c), 18, 22-24, 26-33 |
| D | | OMIT |
| | | Exclude: Review Set 20A, questions 8-10 Review Set 20B, questions 8-11 Review Set 20C, questions 8-10 |
| CHAPTER 21 | | |
| A | 6.5 | |
| B | 6.4 | |
| C | 6.5 | |
| D | 6.4 | Exclude: Exercise 21D, questions 13-16 |
| E | 6.4,6.5 | Exclude: Exercise 21E.1, questions 4(d-f), 8-13 Exercise 21E.2, question 2© |
| F | 6.4 | Exclude: Exercise 21F, questions 2(c,f,i), 6, 15, 16 |
| G | 6.4 | Exclude: Exercise 21G.1, questions 1(d), 2(e-h), 4(e,f), 5, 6(a,e-h,j-l), 7-14 Exercise 21G.2 (all questions) |
| H | | OMIT |
| I | | OMIT |
| J | 6.5 | Exclude: Exercise 21J.1, questions 2(c,e,f), 5,6 Exercise 21J.2 (all questions) |
| | | Exclude: Review Set 21A, questions 3(c), 6(b), 11-13 Review Set 21B, questions 2(c), 11-15 Review Set 21C, questions 3(b,c), 9(b), 10-15 |

| CHAPTER 22 | | |
|-------------------|---------|---|
| A | 6.5 | Exclude: Exercise 22A, questions 3, 5-7 |
| B | 6.5 | Exclude: Exercise 22B, questions 8-10, 14, 15, 21 |
| C | 6.6 | |
| D | | OMIT |
| E | 6.5 | Exclude: Example 14 Exercise 22E.1, questions 8-10, 12 Exercise 22E.2, questions 4, 6-8 |
| | | Exclude: Review Set 22A, questions 10-14, 16 Review Set 22B, questions 6, 10-16 Review Set 22C, questions 7-12, 14, 16 |
| CHAPTER 23 | | |
| A | 5.1 | |
| B | 5.1,5.2 | |
| C | 5.2 | Exclude: Exercise 23C.1, questions 8-10 |
| | | Review Set 23A, questions 8-10 Review Set 23B, question 10 |
| CHAPTER 24 | | |
| A | 5.5 | |
| B | 5.5 | |
| C | 5.5 | |
| D | 5.5 | |
| E | 5.5,5.6 | |
| F | 5.5 | |
| G | 5.5,5.6 | |
| H | 5.5,5.6 | |
| I | 5.6 | |
| J | 5.6 | Exclude: Exercise 24J, questions 9, 10 |
| K | | OMIT |
| L | | OMIT |
| | | Exclude: Review Set 24A, questions 10-13 Review Set 24B, questions 9-14 Review Set 24C, questions 4(c), 5, 11-14 |
| CHAPTER 25 | | |
| A | 5.7 | |
| B | 5.7 | Exclude: Mode and median Example 2(d) Exercise 23B, questions 2(e), 4(c), 5(b iii), 12 |
| C | 5.7 | |
| D | | OMIT |
| E | | OMIT |
| F | 5.8 | Exclude: Exercise 25F.2, question 14 Exercise 25F.3, question 3 |
| G | | OMIT |

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| | | Exclude: Review Set 25A, questions 2, 3(d), 9, 11, 12 Review Set 25B, questions 1(d), 8-13 Review Set 25C, questions 7-13 |
| CHAPTER 26 | | |
| A | | OMIT |
| B | 5.9 | |
| C | 5.9 | |
| D | 5.9 | Exclude: Exercise 26D, question 4 |
| E | 5.9 | |
| | | Exclude: Review Set 26A, questions 4, 7, 11 Review Set 26B, questions 4, 5 Review Set 26C, questions 5, 8, 11 |

NOTE:

SL Chapter 21 - Linear Modelling (SL Topic 5.4) is not included in the HL book, but is available on our website as a sample chapter for SL 3^{ed}

SL Topic 5.3 is covered in the background knowledge statistics chapter on the CD