Roman Numerals page 1

1a. a) XI, XIII b) XXXV, XXXVII c) LXI; LXIII 2a. XV, XIX, XXXI, L 3a. >, <, = 4a. MMI

1b. a) XLVI, XLVIII b) LXVII, LXIX c) XCIII, XCV 2b. XLVII, LXVII, XCI, C 3b. =, >, < 4b. DLXX

Roman Numerals page 2

1a. LXXX, LIV, XCIX 2a. C = 100; CC = 200 3a. 3 possibilities: XLI (41); LXI (61); LIX (59)

1b. XIX, XCVIII, L 2b. C = 100; L = 50; CL = 150 3b. 2 possibilities: XIV (14); XVI (16)

Roman Numerals page 3

1a. a) CIV, CVI b) CCLIV, CCLVI c) DXXV, DXXVII 2a. CXCIX, CCCXC, DC, CMI 3a. >, =, < 4a. MLXVI

1b. a) CCCL, CCCLII b) CDVIII, CDX c) DCXIV, DCXVI 2b. CXLII, CCLXXX, CCCXL, DCCXII 3b. <, <, < 4b. MCDLV

Roman Numerals page 4

1a. CDI, DLV, D 2a. M = 1,000; MMM = 3,000 3a. 3 possibilities: CXCI (191); CCIX (209); CCXI (211)

1b. CCLXX, DCCCLXXV, DCVIII 2b. M = 1,000; L = 50; X = 10; MLX = 1,060 3b. 4 possibilities: CXIV (114); CXVI (116); XCIV (94); XCVI (96)

Roman Numerals page 5

1a. a) CCXXII, CCXXVI b) CDXL, CDL c) DCLX, DCLXXX 2a. CMXCI, DCCXC, DCXIV, DXCVIII 3a. <, <, < 4a. 1819

1b. a) CCC, CCCVI b) CML, CMLXX c) CDXIV, DCXIV 2b. CMXC, DCXXV, DCV, DLXIII 3b. >, <, = 4b. 1564

Roman Numerals page 6

1a. CDXVIII, DVI, DCCCLI 2a. M = 1,000; CD = 400; IX = 9; MCDIX = 1,409 3a. 3 possibilities: CDXII (412); DCXII (612); DXCII (592)

1b. CDLII, DCCXLII, CDXCII 2b. M = 1,000; D = 500; C = 100; II = 2; MMDCII = 2,602 3b. 4 possibilities: CCXIV (214); CCXVI (216); CXCIV (194); CXCVI (196)

Multi-step problems page 7

1a. 167 and 342 2a. 139 3a. 331 4a. 152 + 61 – 124 or 152 – 124 + 61

1b. 240 and 141 2b. 509 3b. 571 4b. 305 – 224 + 141 or 305 + 141 – 224

Multi-step problems page 8

1a. 954m tall 2a. If A has 141 marbles and C has 293 marbles, then B must have 66 marbles (500 – 141 – 293). 3a. Various answers, for example: Lucie needs 414g of flour for her recipe. She has 225g in her bowl and then pours in another 334g. How much will she need to remove from the bowl to make her total? The missing number is 145g.

1b. 935 books 2b. If A has 423 stamps and B has 198 stamps, C must have 102 stamps (723 – 423 – 198). 3b. Various answers, for example: Omar needs 317cm of string. He starts with 512cm but cuts too much, and has to add another piece which is 123cm long. How much did he cut? The missing number is 318cm.