

MHF4U HOMEWORK LIST

Unit 1 – Polynomial Functions

- 1.1** – Pg. 11 #1 - 4, 7
- 1.2** – Pg. 26 #3, 5, 6, 7a, 8, 12, 17 (using Winplot)
- 1.3** – Pg. 39 #1, 3(i, iii), 4, 7, 14
- 1.4** – Pg. 49 #1, 4, 5, 6, 7, 8, 12i, 16
- 1.5** – Pg. 62 #1, 5, 7, 12
- 1.6** – Pg. 71 #3, 7, 10, 12
- Review** – Pg. 74 #1-17, Pg. 78 #1-12

Unit 2

- 2.1** – Pg. 91 #1, 3ace, 5, 10, 12, 13, 18, 20
- 2.2** – Pg. 102 #2ac, 3ac, 4ace, 5bd, 8, 11ace, 12, 17a, 18
- 2.3** – Pg. 110 #3acf, 4aceg, 5, 6ace, 7ace, 8ce, 12, 19
- 2.4** – Pg. 119 #2, 7, 9, 12, 15
- 2.5** – None (class investigation)
- 2.6** – Pg. 138 #3ac, 4bd, 6bd, 8, 9, 13
- Review** – Pg. 140 #1-14, 17, 18 & Pg. 142 #1-5, 6ace, 8bd, 9bd, 10-13, 16ad, 17

Unit 3

- 3.1** – Pg. 153 # 1,6,7aceg
- 3.2** – Pg.166 #5ace, 11a
- 3.3** – Pg. 174 # 1ace, 2bdf, 3bdf, 8, 9 , 11, 13, 14
- 3.4** – Pg. 183 # 1bd, 2bdf, 5ac, 6, 7, 10, 14
- 3.5** Group assignment in class (Pg. 189 #2, 4ace, 5, 8, 14)
- Review** – Pg. 192 #1, 2, 3ad, 5bc, 7, 9bd, 10, 11b, 13bd, 15, 16 & Pg. 194 # 1-13

Unit 4

- 4.1** – Pg. 208 #1-4, 5ace, 6ace, 7ace, 8ace, 9, 10, 13, 18
- 4.2** – Pg. 216 #7, 8, 10, 11, 16-18, 20
- 4.3** – Pg. 225 #2, 4, 6, 8, 10, 12, 15-19
- 4.4** – Pg. 232 #1ac, 2bd, 3ad, 14, 15, 20ab
- 4.5** – Pg. 240 # 1, 3, 5, 7, 10, 12, 21
- Review** – Pg. 244 #1-6, 8b, 9, 10, 12, 14ac, 15, 18, 20 & Practice Test Pg. 246 # 1-20

Unit 5

5.1 – Pg. 258 # 1ad, 2ad, 3bc, 4bc, 5ab, 6ab, 7ad, 8ad, 10, 11, 12, 14, 20

5.2 – Pg. 267 #1-3 (Use Tech), 4-6, 7, 9, 13, 15-16

5.3 – Pg. 275 #1ad, 2, 3, 5a, 6b, 8, 10, 11, 14, 15a

5.4 – Pg. 287 #3ac, 7bd, 10, 11, 12, 15, 17, 18, 20, 24

5.5 – Pg. 296 # 1, 3, 6, 10, 19

Review – Pg. 300 # 1, 2, 5, 6, 7, 8, 10, 11, 12, 13, 14 & Practice Test Pg. 302 #1-15

Unit 6

6.1 – Pg. 318 #1,2, 5, 6, 7, 10-12, 19, 23

6.2 – Pg. 328 #1aceg, 2bdfh, 3ab, 4bcd, 6ac, 8bc, 9, 12, 13

6.3 – Pg. 338 #1, 2, 3cd, 4, 10, 11, 13

6.4 – Pg. 347 #1-3, 5ace, 6bd, 10-12

6.5 – Pg. 353 #1, 3, 9, 11, 12, 19

Review – Pg. 356 # 1-4, 6-9, 12ace, 13ac, 14, 16-18 & Practice Test Pg. 358 #1-11

Unit 7

7.1 – Pg. 368 #1, 3, 4, 5ac, 6bd, 7, 11, 15a

7.2 – Pg. 375 #1, 2aceg, 3, 4cd, 7, 9, 10, 11bdf, 13

7.3 – Pg. 384 #1ac, 3, 4bd, 5bc, 6, 9, 11, 17, 20-21

7.4 – Pg. 391 #1ace, 2bdf, 5, 6, 8, 9, 11a

Review – Pg. 408 #1bd, 2-5, 7, 8, 9bd, 10, 12, 13, 16, 17 & Pg. 410 #1-6, 9, 10, 11

Unit 8

PS – Pg. 414 #4cd, 7, 8, 9, 13, 14

8.1 – Pg. 424 #3bcd, 4ab, 5ab, 8a, 10, 11, 12

8.2 – Pg. 434 #1, 2, 4, 5ab, 6, 7, 10, 13

8.3 – Pg. 447 #1abc, 4ab, 5, 6, 7, 13

8.4 – Pg. 457 #1-5, 10, 13

8.5 – Pg. 469 #1-7, 11

Review – Pg. 472 #2ac, 4, 5a, 6, 8abd, 10, 12, 13 & Pg. 474 #1-5, 8, 9, 11, 13, 15