From Stewart's *Essential Calculus*, 2nd ed.

5.1 p.259 #4-9, 11, 15, 17, 18, 21, 26, 33, 36, 37, 41

5.2 p.268 #4, 6, 7, 11, 12, 18, 27, 38, 40, 53, 54, 57, 59, 62

5.3 p.274 #3-5, 6(b), 7, 8, 13, 17, 23, 36, 39, 49, 63, 65

5.4 p.282 #1, 3, 6, 7, 8, 10(b), 22, 23, 30, 33, 35, 41-43

5.5 p.289 #3, 10, 11, 13

5.6 p.297 #1, 4, 9, 16, 21, 22, 34, 35

5.7 p.303 #1-6, 9, 13, 17, 19, 26, 29, 39

5.8 p.311 #5, 8-10, 13, 25, 26, 29, 31, 33, read 41 & 42

6.1 p.322 #3, 11, 20, 28, 35

6.2 p.332 #1, 5, 13, 22, 27, 48, 51, 59, 63, 64

6.3 p.340 #1(b), 3(b), 5, 18, 35, 37, 40

6.5 p.356 #7, 19

6.6 p.366 #2, 13, 17, 20, 23, 28, 41, 46, read (do not do) 47

7.1 p.375 #4, 7, 15, 19

7.2 p.384 #8, 9, 13, 35, 36

7.3 p.390 #4, 14, 19

7.4 p.397 #11, 13

7.6 p.414 #5, 7, 9, 16, 17(a)

9.1 p.511 #5, 7, 10, 11

9.2 p.519 #2, 7, 10, 37

9.3 p.528 #2, 11, 13, 23, 31, 35, 52(and sketch)

9.4 p.534 #15, 22, 26, 34

Conics Review (translated conics) by Stewart:

p.6 #7, 8, 14, 15, 19, 23, 25, 26, 27, 33, 34, 37, 41, 44, 45, 47 (NOTE: all answers appear at end of problem set.)

Rotated Conics by Faires:

p.9 #2, 3, 5, 7, 8 (for 5-8 part b, find angle of rotation only, don't sketch)