<center>

Math 152 Suggested Homework

For *Calculus, Early Transcendentals, 8th edition,* by Stewart

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5.5 – 7-21odd, 25-35odd, 41, 43, 45-48, 53-59odd, 63, 67-71

6.1 – 1-4, 7-9, 11-13, 17, 18, 22, 24, 27, 29, 56

6.2 – 1-11odd, 12, 14-18, 19-29odd, 55-59

6.3 – 3, 4, 6, 7, 9, 10, 13, 15-20

6.4 – 2, 7-10, 13-15, 20, 21, 23, 24

7.1 – 3-11odd, 17, 19, 39, 42, 63, 65

7.2 – 1-15odd, 23-29odd, 35, 37, 61

7.3 – 1-9odd, 10, 12-14, 21, 23, 24

7.4 – 1, 3, 5, 7-9, 11, 15-17, 19, 22-24, 27, 28

7.8 – 2, 5-13odd, 17-19, 21, 22, 24, 27, 29, 31, 33, 37, 49-52

11.1 – 3, 5, 11, 13, 14, 16, 17, 23-29odd, 31-36, 39, 41, 49-51, 53, 64, 72-78, 81-82

11.2 – 3-4, 15, 17, 18, 22-26, 39, 31, 33, 37, 39, 43, 44, 45, 47, 57-59

11.3 – 5, 7, 8, 9, 11, 13, 14, 17, 19, 21, 36ad, 37ad, 40

11.4 – 1, 2, 3, 5, 7, 11-23odd, 24, 28, 31

11.5 – 3, 5-13odd, 23-26, 32

11.6 – 1-6, 7, 9-11, 13, 14, 16, 19, 20, 31, 33, 43

11.8 – 3-9odd, 10-11, 15, 17, 20, 23, 25, 29, 30

11.9 – 3-8, 13a, 15-17, 25, 27, 28, 29, 31

11.10 – 3, 4, 11, 15, 21-23, 35, 36, 39, 47, 54, 56, 60, 73, 74, 76, 77

11.11 – 3, 5, 13-16, 18, 20 (You do not need to graph or use Taylor's Inequality.)

10.1 – 5, 7-13, 18-22

10.2 – 37, 39, 41, 42, 62, 63, 65, 66

10.3 – 1, 3, 5-10, 15, 17, 18, 21, 23, 25, 29-31, 33, 35-38

10.4 – 1, 2, 4-7, 9-10, 17, 19, 23, 24, 27, 45, 47

10.5 – 25-30 (Identify the type of conic. If it is a parabola, find the vertex. If it is an ellipse, find the center.)

10.6 – 9, 11, 13, 15 (Identify eccentricity and type of conic.)