

Edwards and Penney, Calculus Early Transcendentals, 7th edition

Section	Questions
11.7	1, 9, 13, 15
12.2	21, 25, 27, 29
12.3	None
12.4	1, 5, 7, 15, 19, 21, 23, 27, 31, 35, 37, 41, 53, 55, 63, 65
12.5	5, 9, 11, 23, 25, 27
12.6	1, 3, 5, 9, 19, 21, 25, 31, 33, 35, 37, 39, 41
12.7	3, 5, 7, 9, 13, 15, 17, 21, 23, 25, 33, 35, 37 For Question 25: Draw a diagram for the variables
12.8	3, 5, 7, 11, 13, 19, 21, 25, 45, 47, 49, 51
12.9	3, 5, 7, 9, 11, 19, 21, 23, 33, 55
12.10	5, 7, 11, 13, 15, 17, 19, 23, 25
13.1	11, 15, 17, 27
13.2	7, 11, 13, 15, 17, 19, 21, 23, 25, 27, 31, 33
13.3	3, 9, 11, 15, 17, 19, 25, 27, 29, 37
13.4	3, 5, 9, 11, 13, 15, 17, 21, 27, 29, 37, 39
13.5	7, 11, 13, 21, 27, 31, 33
13.6	3, 5, 7, 9, 11, 13, 15, 17, 27
13.7	1, 5, 7, 9, 11, 13, 15, 19, 21, 23, 25, 33, 37 For Question 33: The ice cream cone is bounded by the cone $\phi = \frac{\pi}{6}$ and the sphere $\rho = 2a \cos \phi$ of radius a
13.8	1, 3, 7, 9, 11
13.9	5, 7, 9, 11, 13, 17
14.1	1, 3, 9, 19, 21, 23, 32
14.2	1, 5, 7, 9, 13, 15, 17, 19, 33
14.3	5, 7, 9, 11, 15, 23, 25, 27, 29, 33 For Question 33: Theorem 2 is the Path Independence Theorem
14.4	3, 5, 7, 11, 15, 19, 23
14.5	1, 3, 5, 13, 15, 23
14.6	1, 5, 7, 9, 11, 13, 15
14.7	1, 7, 9, 11, 13 For Questions 11 and 13: Find the potential function as we did in class