

Edwards and Penney, Calculus Early Transcendentals, 7th edition

Section	Questions
11.7	1, 9, 13, 15
12.1	None
12.2	21, 25, 27, 29
12.3	None
12.4	1, 5, 7, 15, 19, 21, 23, 27, 31, 35, 37, 53, 55, 63, 65
12.5	5, 9, 11, 23, 25, 27
12.6	1, 3, 5, 9, 19, 21, 25, 31, 33, 37, 39, 41
12.7	5, 7, 9, 13, 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, 51
12.9	5, 9, 19, 21, 23, 33 You may assume all variables in all problems are nonzero.
12.10	5, 7, 11, 13, 15, 17, 19
13.1	11, 15, 17, 27
13.2	7, 11, 13, 15, 17, 19, 21, 23, 25, 31, 33
13.3	3, 9, 11, 15, 25, 27, 29, 37, 45
13.4	9, 11, 13, 15, 17, 27, 29, 37, 39
13.5	7, 11, 13, 21, 27, 31, 33
13.6	3, 5, 7, 9, 11, 13, 15, 17, 27. For Question 17: Ignore $z = 0$.
11.8	None
13.7	1, 5, 7, 9, 11, 13, 15, 21, 23, 25
13.8	1, 3, 7, 9, 13
13.9	7, 9, 11, 13, 17. For Question 17: Just evaluate $2 \iint_S \exp(-3u^2 - v^2) du dv$, where S is the region inside $3u^2 + v^2 = 3$.
14.1	1, 3, 9, 19, 21, 23, 32
14.2	1, 5, 7, 9, 13, 17, 19, 33
14.3	1, 3, 5, 11, 23, 25, 27, 29, 33 For Question 33: Theorem 2 is the Path Independence Theorem.
14.4	5, 7, 13, 17, 23
14.5	1, 3, 13, 15, 37. For Question 13: Parametrize S using spherical coordinates. For Question 37: Set up I_z with a and b unknown, and don't evaluate.
14.6	7, 9, 11, 13
14.7	1, 7, 9