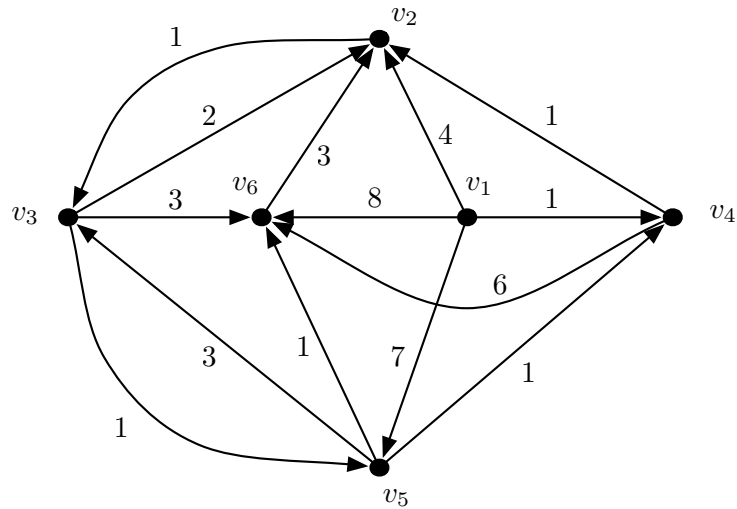


► **Problem 11.2-22 (b)**

Apply the Bellman-Ford algorithm to the digraphs shown, answering by means of a table like Table 11.12.



Solution.

	1	2	3	4	5	6
v_2	4, v_1	2, v_4	2, v_4	2, v_4	2, v_4	2, v_4
v_3	∞	5, v_2	3, v_2	3, v_2	3, v_2	3, v_2
v_4	1, v_1	1, v_1	1, v_1	1, v_1	1, v_1	1, v_1
v_5	7, v_1	7, v_1	6, v_3	4, v_3	4, v_3	4, v_3
v_6	8, v_1	7, v_4	7, v_4	6, v_3	5, v_5	5, v_5

□