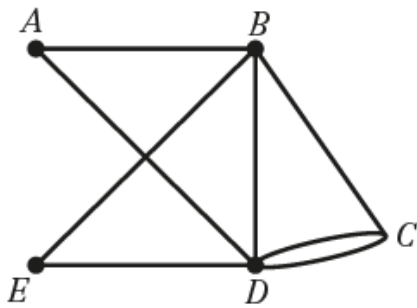


Graphs and networks 2D

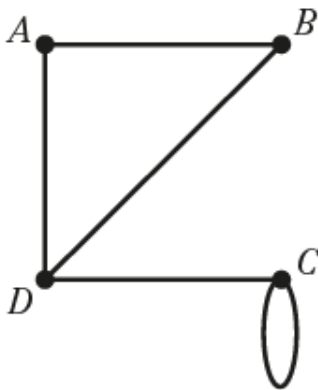
1

	A	B	C	D	E	F	G
A	0	1	1	0	2	0	0
B	1	2	1	0	0	0	0
C	1	1	0	2	0	1	0
D	0	0	2	0	0	1	1
E	2	0	0	0	0	1	0
F	0	0	1	1	1	0	1
G	0	0	0	1	0	1	0

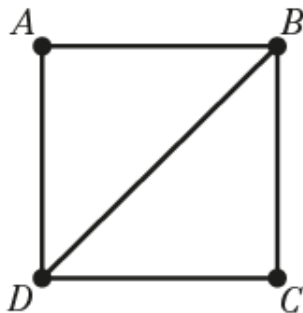
2 a



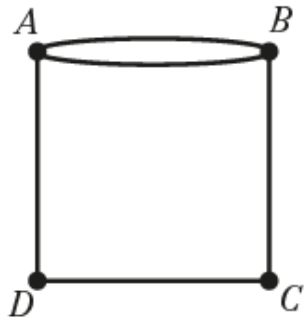
b



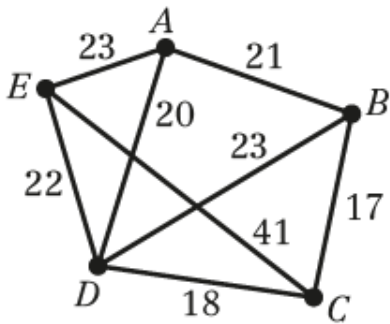
c



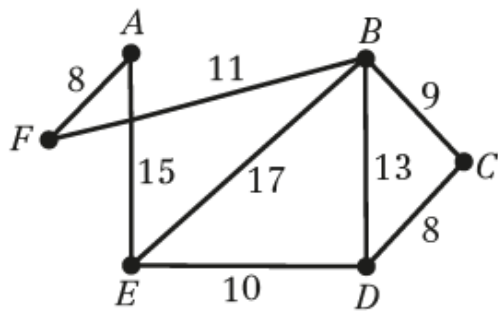
2 d



3 a



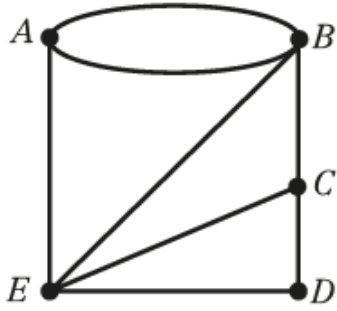
b



4

	A	B	C	D	E	F
A	-	14	11	-	-	-
B	-	-	10	13	11	-
C	-	-	-	12	-	-
D	-	-	-	-	-	10
E	-	-	-	-	-	7
F	-	-	-	-	9	-

5 a



b  $E$  as is the only vertex which is connected to all the others.

c

