Remarks: See § 7.2, pages 488 to 504

Answer:

a,b)

Member	Member force kN	ΔL mm
AC	$-40\sqrt{10}$	$-\sqrt{10}$
AD	-40	-2
BC	$40\sqrt{10}$	$3\sqrt{2}$
BD	-40	-2
CD	0	0

d)

Joint	u_x mm	u_y mm
A	0	0
B	-4	0
C	-10	0
D	-2	$8/3$

c) Scale: 1 square = 0.5mm