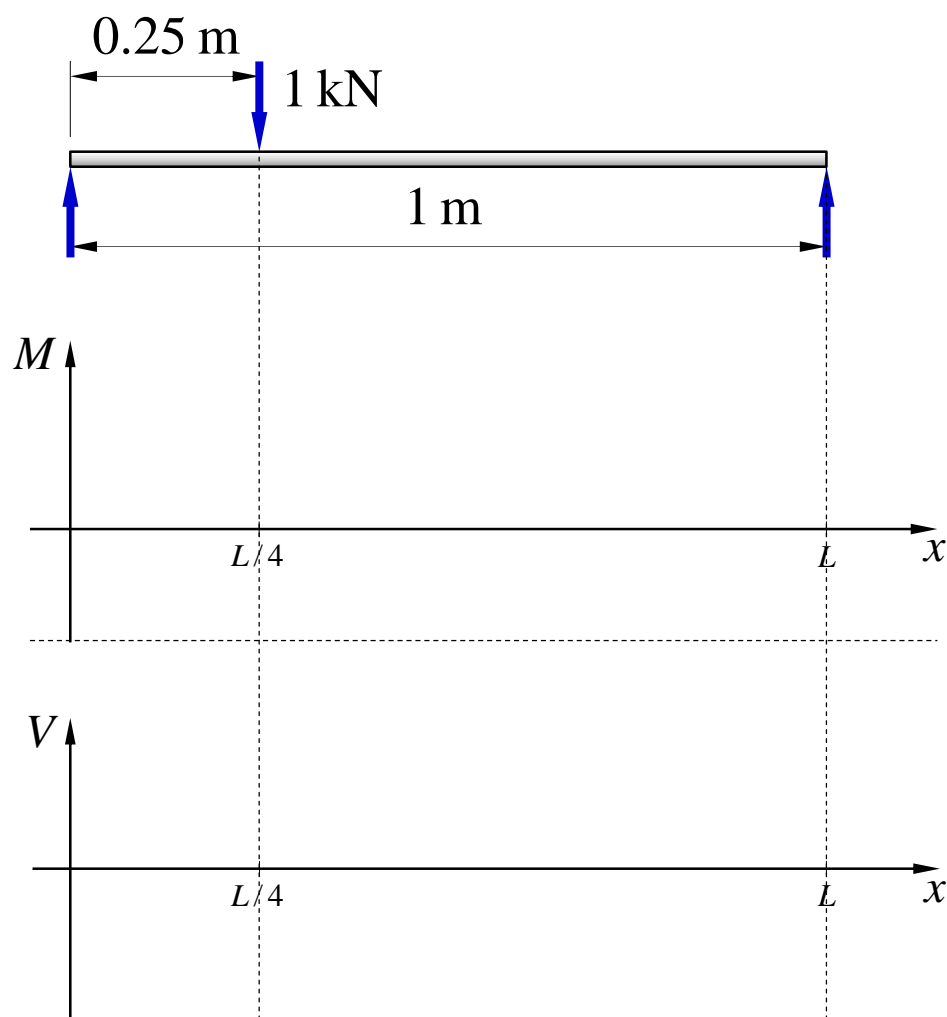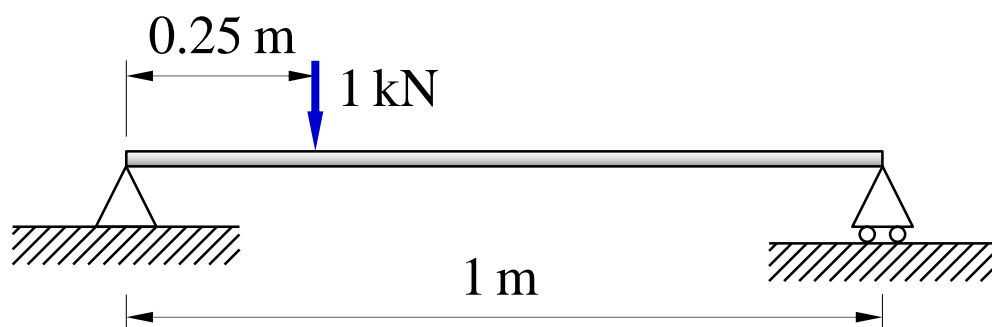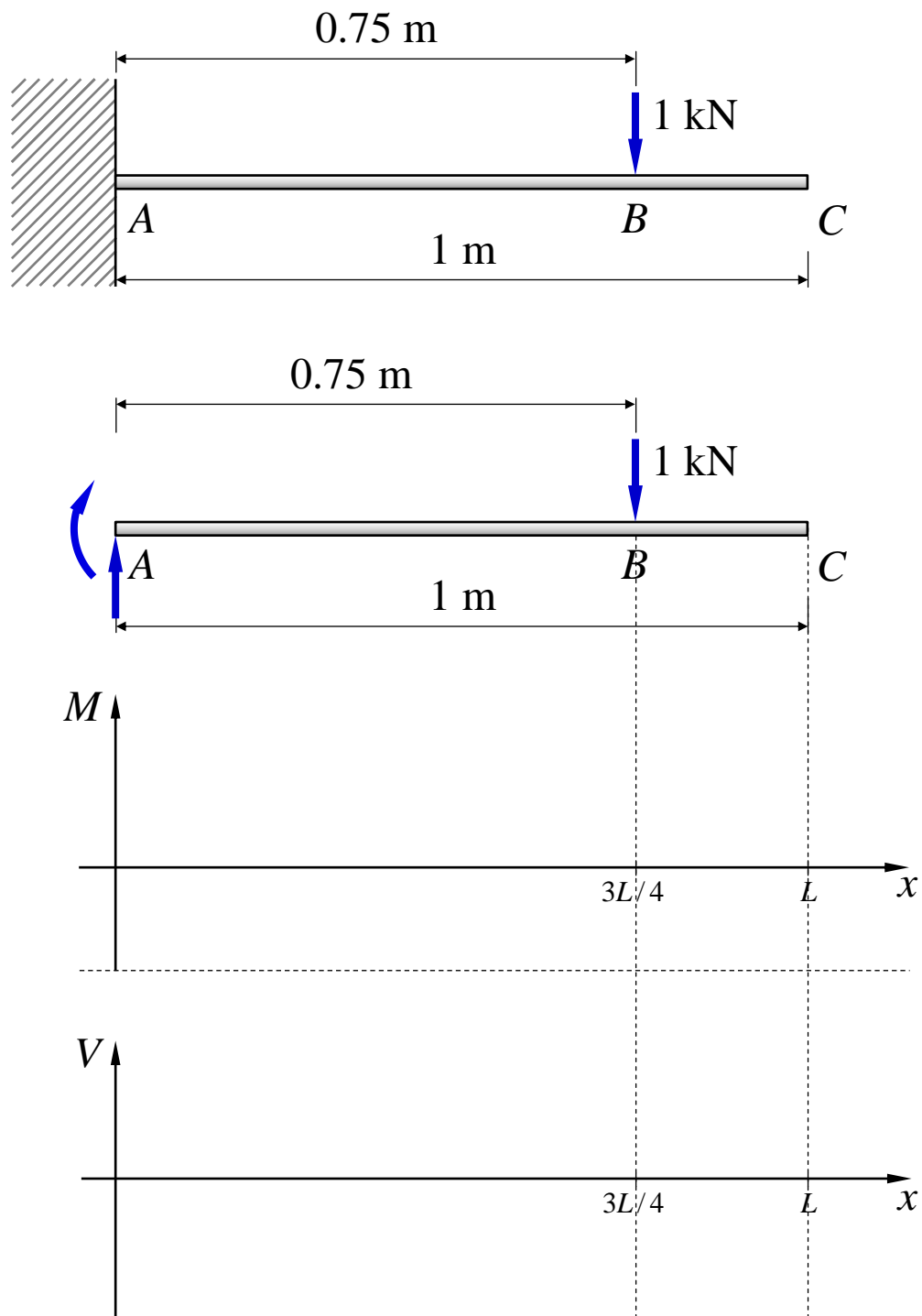Example 1.2.1 – Plot the bending moment and shear force diagrams for the following beams:

a)

b)

0.75 m

1 kN

A   B   C

1 m

0.75 m

1 kN

A   B   C

1 m

M

$3L/4$ L x

V

$3L/4$ L x

c)

1 m

A

B

1 kN·m

1 m

A

B

1 kN·m

M

L x

V

L x