

1
2

التمرين الأول (7.5ن)

(3) (A)

.....
.....	P
(J)

: (B)

$C_2 = 2C_1$: f_1 C_1 L_1 -
 f_2 C_2 L_2 -

(1) (1)

(0.5) f_2 f_1 (2)

(1) C_2 C_1 $f_2 = 0.1$ m (3)

(1) (4)

. f C L L_2 L_1 (5)

(1) $C = C_1 + C_2$ f -

التمرين الثاني (7ن)

(220V- 2200W) -

(220V- 900W) -

(220V- 60W) -

$P_{max} = 3500W$:

(1) (1)

(0.5) (2)

(1) I (3)

(1) R (4)

(1) Wh t . (t = 1.5h) (5)

$C = 5Wh/tr$

N (1)

800W :
 . (3h)
 (1.5)

75W :

. 3750Wh

(6)

التمرين الثالث (5.5ن)

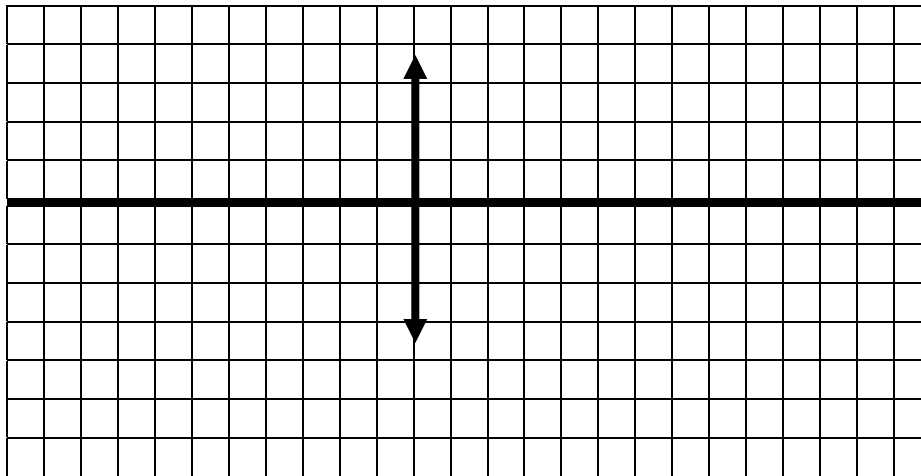
$f = OF' = 15cm$

$OA = 20cm$

$AB = 1cm$

(2)

A'B' (1)
 10cm 1cm - :
 : -



(0.5) A'B' = - : (2)

(0.5) OA' = -

..... (1) (3)

. 8cm AB (4)

(1.5) ()