

..... : : :	2009 :	1 :
1 2		

التمرين الأول (7.5ن)

(A) (3)

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

(B)

$$C_2 = 2C_1 \quad ; \quad \begin{matrix} f_1 & C_1 & L_1 & - \\ f_2 & C_2 & L_2 & - \end{matrix}$$

(1) (1)

(2) (0.5) $f_2 \quad f_1$

(3) $f_2 = 0.1 \text{ m}$ (1) $C_2 \quad C_1$

(4) (1)

(5) $f \quad C \quad L \quad L_2 \quad L_1$

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

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)

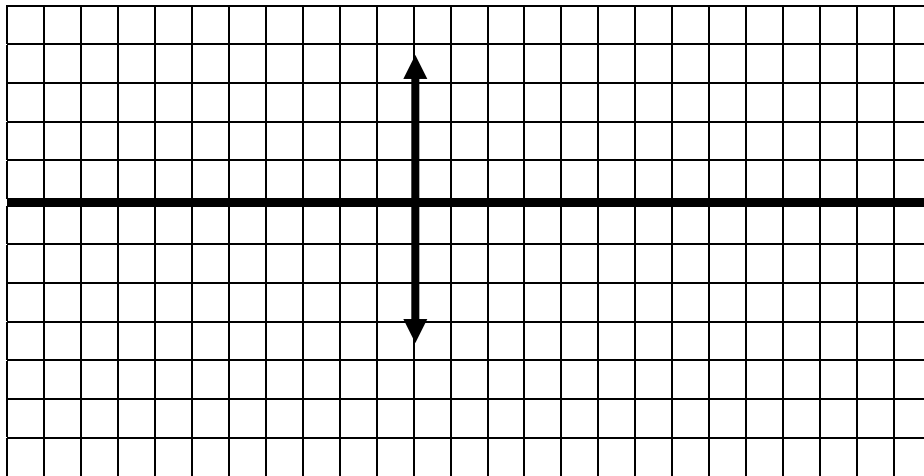
$f = OF' = 15cm$

$OA = 20cm$

$AB = 1cm$

(2)

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



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

(0.5) OA' = -

..... (1) (3)

. 8cm AB (4)

(1.5) ()