

ESERCIZIO 1

1) $\Delta = 20 \text{ cm}$

2) $a = 3,1 \text{ m/s}^2$

3) $a = 0$

$$v = 56 \text{ cm/s}$$

ESERCIZIO 2

1)
$$\begin{cases} Q_1 = -3,0 \text{ nC} \\ Q_2 = 3,0 \text{ nC} \end{cases}$$

3) $\Delta V = V_A - V_B = 4,2 \times 10^2 \text{ V}$

4)
$$\begin{cases} Q_1' = -3,0 \text{ nC} \\ Q_2' = \phi \end{cases}$$

5)
$$\begin{cases} Q_1'' = -3,0 \text{ nC} \\ Q_2'' = 2,0 \text{ nC} \end{cases}$$