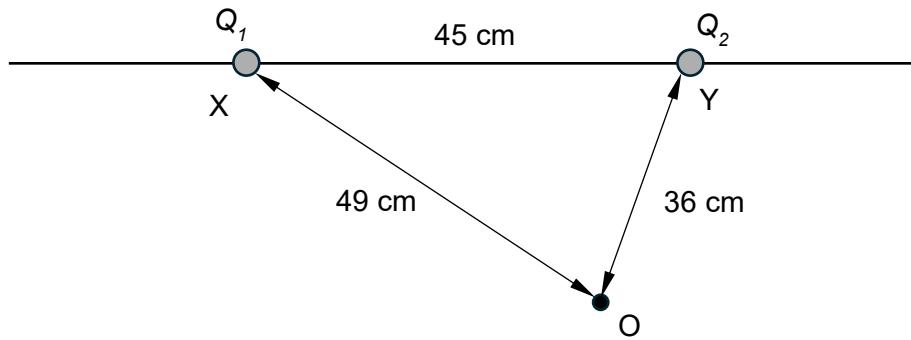


- 18** Two fixed point charges of magnitudes  $Q_1 = -7.4 \text{ nC}$  and  $Q_2 = +3.6 \text{ nC}$ , are located at points X and Y respectively. Their distances from another point O and from each other are shown below.



What is the value of the potential at point O?

- A**  $-120 \text{ V}$     **B**  $-56 \text{ V}$  **C**  $-46 \text{ V}$  **D**  $220 \text{ V}$