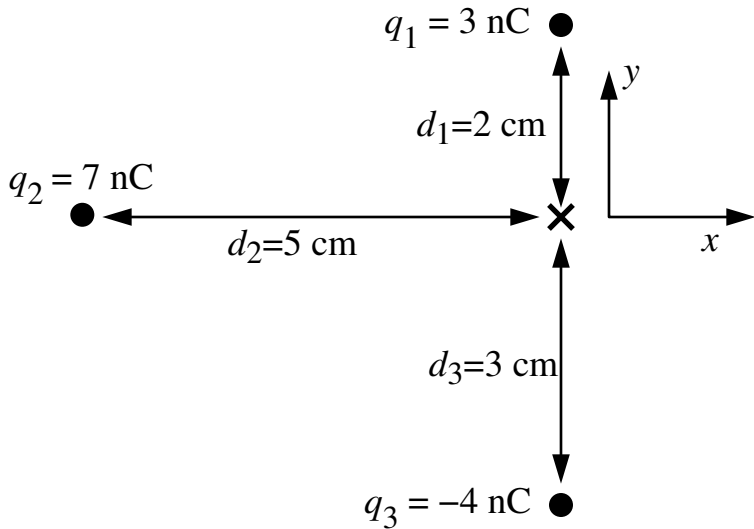


Quiz 2

Find the net electric field vector (i.e., report its x and y components) at the spot marked \times due to the three charges q_1 , q_2 , q_3 located as shown in the figure below. Directly on the drawing sketch in the approximate direction of the electric field vector due to each charge. Label the electric field due to q_1 , E_1 , etc. Sketch in the net electric field vector and label an angle showing its direction. Calculate and report the numerical value of that angle.



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Find the net electric field vector (i.e., report its x and y components) at the spot marked \times due to the three charges q_1 , q_2 , q_3 located as shown in the figure below. Directly on the drawing sketch in the approximate direction of the electric field vector due to each charge. Label the electric field due to q_1 , E_1 , etc. Sketch in the net electric field vector and label an angle showing its direction. Calculate and report the numerical value of that angle.

