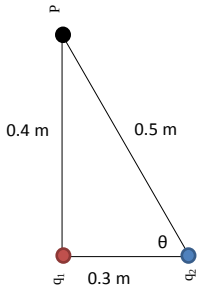
Electric Field Strength Math Help

$$E = K\frac{q}{r^2}$$

A charge of 7 x 10^{-6} C is at the origin and a charge of -5 x 10^{-6} C is on the x-axis at 0.3 meters. (See below) Find the electric field strength at point "P", which is 0.4 meters above charge 1 on the y-axis.

q_1 = 7 x 10^{-6} C **q_2 = -5 x 10^{-6} C** $E = K\frac{q_A}{r^2}$

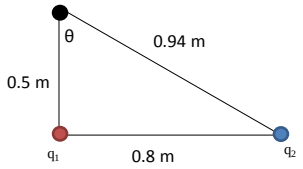


Givens:
$r_{1,2}$ = 0.3 meters
$r_{1,P}$ = 0.4 meters
$r_{2,P}$ = 0.5 meters
q_1 = 7 x 10^{-6} C
q_2 = -5 x 10^{-6} C
K_C = 8.99 x 10^9 N*m^2/C^2
θ = 53.1°
E_P = _____

A charge (q_1)of 5 x 10^{-6} C is at the origin and a second charge (q_2)of -3 x 10^{-6} C is located 0.8 meters to the right. What is the electric field at a point on the y-axis that is 0.5 m above q_1?

q_1 = 5 x 10^{-6} C **q_2 = -3 x 10^{-6} C**

$$E = K\frac{q}{r^2}$$



Givens:
$r_{1,2}$ = 0.8 meters
$r_{1,P}$ = 0.5 meters
$r_{2,P}$ = 0.94 meters
q_1 = 5 x 10^{-6} C
q_2 = -3 x 10^{-6} C
K_C = 8.99 x 10^9 N*m^2/C^2
θ =58^o
E_P = _____