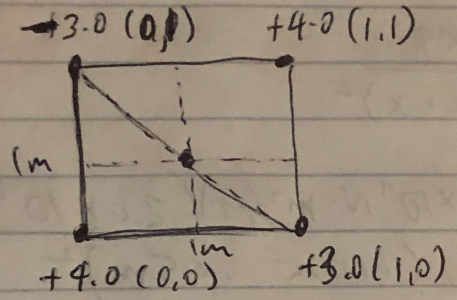
4.



$a^2 + b^2 = c^2$

$1^2 + 1^2 = c^2$

$2 = c^2$

$c = \sqrt{2}$ (only need half)

$= \frac{\sqrt{2}}{2}$

$q_1 = -3.0 \times 10^{-6} C$

$q_2 = +3.0 \times 10^{-6} C$

$r = \frac{1}{2}$

$k = 9 \times 10^9$

$E = \frac{k|Q_1|}{r^2} + \frac{k|Q_2|}{r^2}$

$= \frac{9 \times 10^9 \times 3.0 \times 10^{-6} C}{\left(\frac{\sqrt{2}}{2}\right)^2} + \frac{9 \times 10^9 \times 3.0 \times 10^{-6}}{\left(\frac{\sqrt{2}}{2}\right)^2}$

$= 108000 \ N/C$

$= \boxed{1.1 \times 10^5 \ N/C}$