Find the electric field at point p. Charge A is -3.20 µC, B is +4.40 µC, and each grid line is a meter.

(2640 N/C right and up at 28.1o with the x axis)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | **p** |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  | **B** |  |  |  |  |
|  |  |  |  |  | **A** |
|  |  |  |  |  |  |

Find the electric field at point p. Charge A is +7.80 µC, B is -3.80 µC, and each grid line is a meter.

(7860 N/C down and left at 67.9o with the x axis)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  | **A** |  |
|  |  |  |  |  |  |
|  |  | **p** |  |  |  |
|  |  |  |  |  | **B** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Find the gravitational field at point p. Mass A is 1.60x1012 kg, B is 3.9x1012 kg, and each grid line is a meter.

(21.5 N/kg right and down at 18.6o with the x axis)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  | **A** |  |
|  | **p** |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  | **B** |  |
|  |  |  |  |  |  |