

Homework



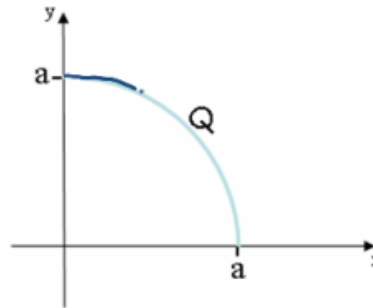
Homework: Coulomb's Law

Help:

1 2 3 4 5

A total charge $Q = -4.2 \mu\text{C}$ is distributed uniformly over a quarter circle arc of radius $a = 7.7 \text{ cm}$ as shown.

We will try to produce a solution for 1 problem each week.



1) What is λ the linear charge density along the arc?

$$\lambda = \frac{Q}{L}$$

Problems

Print Assignment View

Worked Example
Coulomb's Law
-- Optional --

Standard Exercise
Point Charges in One Dimension

Standard Exercise
Point Charges in Two Dimensions

Interactive Example
Three Charges

Worked Example
Electric Fields
-- Optional --

Interactive Example
Eero

Standard Exercise
Electric Field from Point Charges

Standard Exercise
Electric Field from Arc of Charge

Standard Exercise
Chapter 21.P.012.
-- Optional --