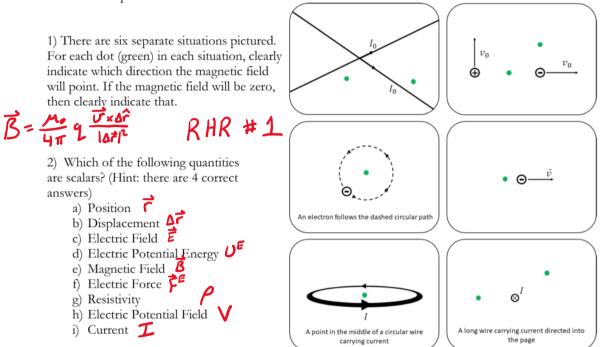
Roadmap Solution

Friday, May 26, 2023 11:28 AM

Physics 203 Quizbit | Circuits and Magnetic Fields

Part A: Work individually to produce a handwritten solution to **Part A (questions 1 and 2)** of this Quizbit. Submit an image of your solution to Canvas. The quality of your solution and communication is far more important than the final answer!



Part B: As a group, assign roles to each member. One person should be the writer, one should be the recorder in charge of submitting the group solution to Gradescope (or Canvas), and if you have a third member, they should be the advice giver. Write each group member's name on the solution! Make sure to rotate roles so that each person has a chance to be the writer. Work together to produce a written solution to Part A, then additionally answer Part B (question 3). Submit an image of your work to Gradescope or Canvas.

3) The pictured circuit is constructed using six identical 1 Ω resistors.

(a) Find the equivalent resistance of the circuit.

(b) The battery is a 13 V battery. Find the current flowing through resistor C.

