

**Reminders 3-06-08:**

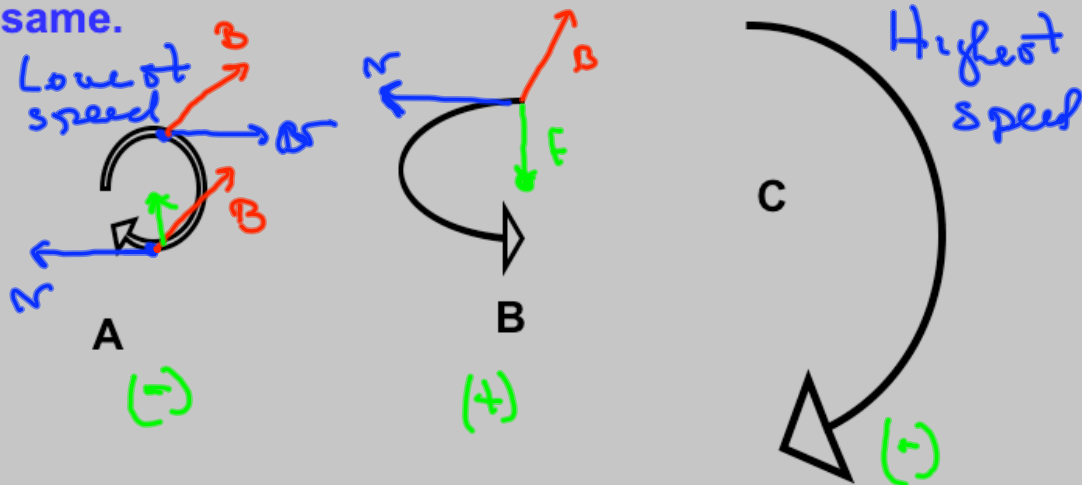
- Next Webassign Due March 13
- Magnetic Field Conceptual Questions Due March 13
- Exam 2 will be Returned No Earlier than Friday

**Objectives:**

- Magnetic Fields
- Magnetic Forces
- Magnetic Torque
- DC Motors

$$F = \frac{k |q_1| |q_2|}{r^2}$$

From the drawing shown, rank the speeds of the charged particles from fastest to slowest. Assume the mass and magnitudes of the charges are the same.



Assuming the magnetic field points into the page, what is the sign of the charge A, B, and C.

$$r = \frac{mv}{qB}$$