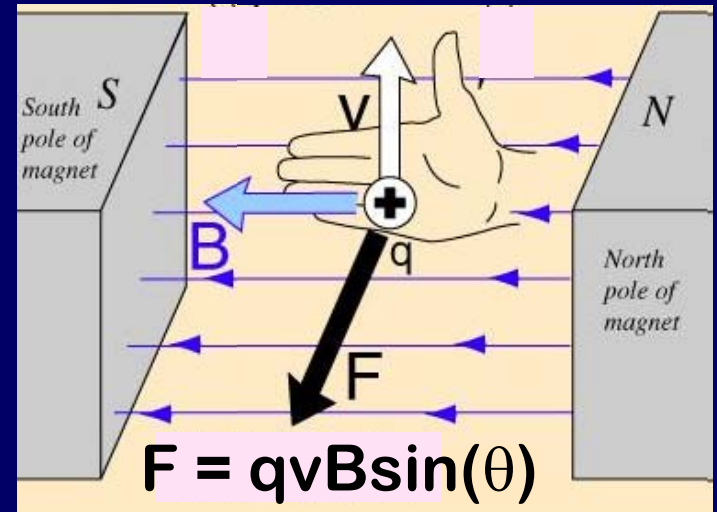
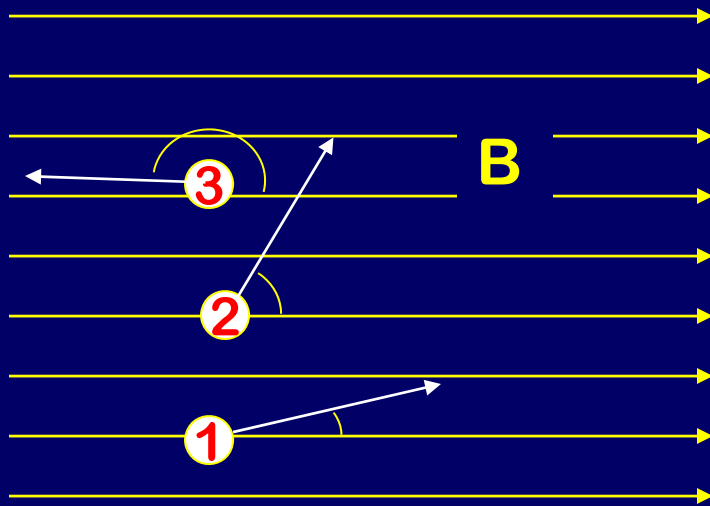




ACT: Moving Charges

The three charges below have equal charge and speed, but are traveling in different directions in a uniform magnetic field.



1) Which particle experiences the greatest magnetic force?

- A) 1 B) 2 C) 3 D) All Same

2) The force on particle 3 is in the same direction as the force on particle 1.

- A) True B) False