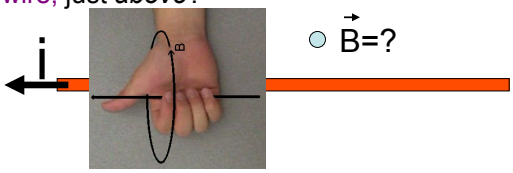
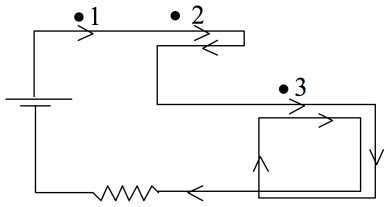
A long wire has a current (shown). What is the direction of the B-field created by the wire, just *above*?



A) ⊙ (out of page) B) ➔
C) ⊗ (into page) D) ➔ E) other

A magnetic compass is placed at the points 1, 2, and 3 near an electric circuit with this twisty shape. Rank order |B| from *biggest* to *smallest:*

A) 1-2-3
B) 3-2-1
C) 2-3-1
D) 1-3-2
E) Other



A current-carrying wire is in a B-field.

What is the direction of the magnetic force on the wire?

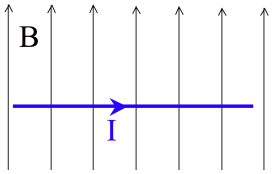
A: →

B: 0

C: ⊗

D: ⊙

E: Other/not sure



A current-carrying wire is in a B-field.

What is the direction of the magnetic force on the wire?

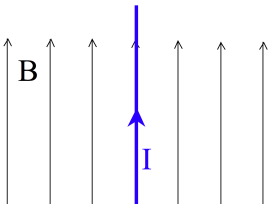
A: →

B: 0

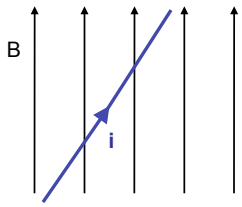
C: ⊗

D: ⊙

E: Other/not sure

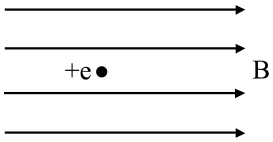


A current-carrying wire is in a B-field.
What is the direction of the magnetic force on the wire?

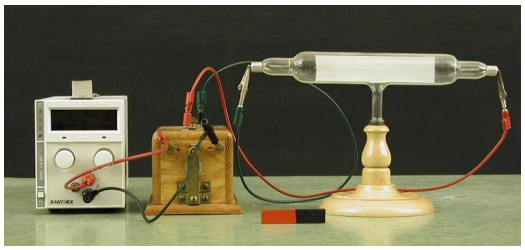


A: →
B: ↖
C: ⊗
D: ⊙
E: Other/not sure

A proton (charge +e) sits at rest in a uniform magnetic field, B, that points to the right.
What is the direction of the force on the charge?



A: →
B: 0 (no force)
C:(into the page) ⊗
D: Other/not sure

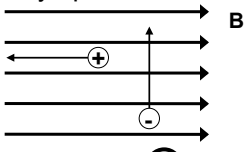


When the B field points INTO the screen, what's the direction of the force on the electrons?

A) left B) up C) down

D) into the page E) out of the page

A neg. and a pos. particle move with certain velocities in a constant, uniform magnetic field (which points to the right.) The (+) particle moves directly left; the (–) particle moves directly up.

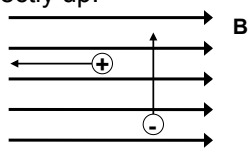


The force on the **(+)** particle due to the B-field is…

A: into page ⊗ B: out of page ⊙

C: 0 D: right E: left

A neg. and a pos. particle move with certain velocities in a constant, uniform magnetic field (which points to the right.) The (+) particle moves directly left; the (–) particle moves directly up.



The force on the **(-)** particle due to the B-field is…

A: into page ⊗ B: out of page ⊙

C: 0 D: right E: left