

What effect on reactivity toward the Electrophilic Aromatic Substitution reaction would you expect if an **electron-withdrawing group** was placed on the aromatic ring?

- A) I would expect the ring to be MORE reactive, because the ring is acting as a nucleophile.
- B) I would expect the ring to be LESS reactive, because the ring is acting as a nucleophile.
- C) I would expect the ring to be MORE reactive, because the ring is acting as an electrophile.
- D) I would expect the ring to be LESS reactive, because the ring is acting as an electrophile.
- E) I would expect NO effect on the reactivity of the ring (steric hindrance is the most important factor).