

CROSSWORD

Across

4. Positively
6. Close Enough
7. Field
8. Attract

Down

1. Negatively
2. Repel
3. Noncontact
5. Too Far

CLASS 69

Physics: Charge and Charge Transfer, Part 1

1. a, c
2. positive
3. negative
4. electric field
5. the same charge
6. opposite charge
7. True
8. The matter has no charge because it has the same number of positive and negative charges.
9. That electric charge can be transferred from one object to another.

CLASS 70

Physics: Charge and Charge Transfer, Part 2

1. transferred
2. neutral
3. electrostatic force
4. negative, transferred
5. gaining
6. losing
7. No, I don't agree with you because the atom has 6 protons and 7 electrons. Since it has 1 more electron than proton, that means it has a charge.
8. electrons
9. electrons
10. can

CROSSWORD

Across

2. Positive
4. Electrostatic
5. Negative

Down

1. Electric Field
3. Losing

CLASS 71

Physics: Charge and Charge Transfer, Part 3

1. negative charges
2. gained electrons
3. lost electrons
4. transferred from
5. electricity
6. continuous flow
7. a conductor
8. an insulator
9. electrons
10. copper, conductor
11. an insulator, rubber

CLASS 72

Physics: The Flow of Electrons and Electricity

1. electrons
2. a conductor
3. an insulator
4. Yes, it does have electrostatic force because there are more negative charges than positive charges.
5. Nothing will happen. Block A has the same number of positive and negative charges and Block B has the same number of positive and negative charges. That means neither Block is charged so there isn't any electrostatic force present to cause electrons to flow.
6. Electrons and therefore electricity will flow from Block A to Block B.
7. an endless, electrons
8. c

CROSSWORD

Across

4. Transferred
5. Electrons
6. Insulator

Down

1. Conductor
2. Electricity
3. Gaining