

1. Photon - A small "package" of light that acts like a particle.

Charging by Conduction - Charging an object by allowing it to come into contact with an object that already has an electrical charge.

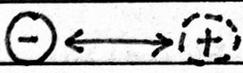
Charging in Induction - Charging an object without direct contact between the object and a charge.

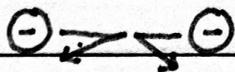
Electrical Current - The amount of charge that travels past a fixed point in an electric circuit each second.

Conventional Current - Current that flows from the positive side of the battery to the negative side. This is the way current is drawn in circuit diagrams, even though it's wrong.

Resistance - The ability of a material to impede the flow of charge.

Open circuit - A circuit that does not have a complete connection between the two sides of the power source.

2. a.) 

b.) 

3. Its stronger. Repulsive.

4. Its a much stronger force.

5. Positive and negative electrical force.

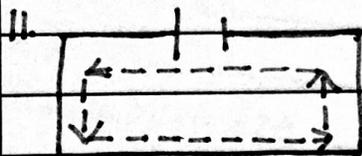
6. They aren't as strongly electrified than others.

7. Electromagnetic charge.

8. Charging by Induction.

9. many. No, it's pretty safe.

10. The charges aren't that strong.



12. The stuffs already charged.

13. The shorter one.

14. The thin one.

15. B.

16. a series circuit.

17. the negative side.

18. No.

19. Yes.

20. They are not electrically charged.