

Electrical Charge

Exit Quiz – Student Edition

MULTIPLE CHOICE – Select the best answer.

1. If a rod is rubbed with a nylon cloth and becomes positively charged, what will the charge be on the nylon cloth?
 - a) Positive
 - b) Negative
 - c) Neutral
 - d) The same

2. Two positively charged objects are brought close together. What would you expect to see happen?
 - a) They will move closer to each other (attract each other).
 - b) They will stay in the same place
 - c) They will move further apart (repel each other).
 - d) There will be no change.

3. Which of the following is not caused by static electricity?
 - a) Hair standing on end when it touches the trampoline mat.
 - b) An electric shock when getting out of the car.
 - c) A balloon sticking to the wall after being rubbed on a sweater.
 - d) A light turning on.

4. Which of the following is not true regarding static electricity?
 - a) It travels in a conducting pathway called a circuit.
 - b) It is caused by an imbalance in charged particles.
 - c) It is stationary.
 - d) It involves the surface of two insulators.

5. What charge has been left on an object which loses electrons?
 - a) Neutral
 - b) Positive
 - c) Negative
 - d) No charge