

Electricity - Homework 1

1. One type of electrical charge is called positive. What is the other type called? _____ (1)

2. (a) If two negatively charged plastic rods are brought near to each other, how will they affect each other?
_____ (1)

(b) If two positively charged plastic rods are brought near to each other, how will they affect each other?
_____ (1)

(c) If a positively charged rod is brought near to a negatively charged rod, how will they affect each other?
_____ (1)

3. An electrical current is a flow of charges. Which one of the two types of charges moves in an electrical current?
_____ (1)

4. (a) When a pupil with long hair stands on a plastic box and touches the dome of a Van de Graaf Generator, when the generator is turned on what happens to the pupil's hair?
_____ (1)

(b) Explain why the pupil's hair does this.
_____ (2)

5. Here are 2 circuit symbols, write down the correct name for each component under the symbol.





_____ (2)