

Electric charge and electric force

Q. Fill in the blanks with the words given in the word bank.

positive, electric field, neutral, electric force, attracts

static charge, repel, increases, decreases, equal

1. An atom has numbers of protons and electrons
2. Protons have charge
3. Neutrons have charge
4. An unbalanced negative or positive electric charge on an object is sometimes referred to as a
5. The region surrounding a charged object is called an
6. The force applied by the electric field is called
7. Objects with opposite electric charges each other.
8. Objects with similar electric charges

each other

9. The strength of electric field increases as the total amount of charge of two objects
10. The strength of electric field increases as the distance between two objects