

Name: _____

Static Electricity

atoms	electrons	negative	protons
charged	neutral	neutrons	positive
lose	gain		



Choose the best word from the word box to complete each sentence.

1. Matter is made up of tiny particles called _____.
2. _____ and _____ are found at the center, or nucleus, of an atom.
3. _____ are small particles that orbit the nucleus.
4. Electrons have a _____ charge.
5. Protons have a _____ charge.
6. Neutrons have a _____ charge.
7. When you rub two objects together, they can _____ or _____ electrons.
8. When electrons move from one object to another they become _____ with static electricity.

Tell whether each pair of objects will attract or repel each other.

9. positive - positive _____
10. positive - negative _____
11. negative-positive _____
12. negative-negative _____

ANSWER KEY

Static Electricity



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charged	neutral	neutrons	positive
lose	gain		

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1. Matter is made up of tiny particles called **atoms**.
2. **Protons** and **neutrons** are found at the center, or nucleus, of an atom.
3. **Electrons** are small particles that orbit the nucleus.
4. Electrons have a **negative** charge.
5. Protons have a **positive** charge.
6. Neutrons have a **neutral** charge.
7. When you rub two objects together, they can **lose** or **gain** electrons.
8. When electrons move from one object to another they become **charged** with static electricity.

Tell whether each pair of objects will **attract** or **repel** each other.

9. positive - positive **repel**
10. positive - negative **attract**
11. negative-positive **attract**
12. negative-negative **repel**