

**Worksheet: Electric and Gravitational Force**

Name: \_\_\_\_\_ Grade: 5 - \_\_\_ Date: \_\_\_\_\_

**Part A. Choose the best answer.**

1. What happens when two objects with the **same charge** are near each other?
  - a. They attract
  - b. They repel
  - c. They stay still
  - d. They lose their charges
2. Which factor **increases** the strength of gravitational force between two objects?
  - a. Smaller mass
  - b. Greater distance
  - c. Larger mass
  - d. No distance between them
3. Which of the following is a **non-contact force**?
  - a. Pushing a chair
  - b. Pulling a rope
  - c. Gravity
  - d. Kicking a ball

**Part B. Complete the sentences with the correct words:**

1. Electric forces are created when there are \_\_\_\_\_ electrical charges inside an object.
2. Objects with opposite charges \_\_\_\_\_ each other.
3. The Earth's \_\_\_\_\_ keeps everything on its surface.
4. Gravitational force depends on two things: \_\_\_\_\_ and \_\_\_\_\_.

