

WHAT IS MATTER?

Pay attention and complete the gaps

To define matter we need to describe its properties:

1.- Matter has _____. It has _____ and occupies space.

2.- Matter has **inertia**. Inertia is the resistance of a _____ at rest to being set in _____ or the resistance of a body in motion to changes in _____ or _____.

When there is more _____ present, then inertia is also greater.

The inertia of an empty shopping trolley is small, so it is easy to move it when it is at rest. However, the inertia of a lorry is large, so it is much difficult to move it when it is at rest.

3.- Matter causes gravity or _____. Gravity is the force of _____ between objects. This force pulls the objects towards each other even though they are far apart.

Gravity causes _____ to fall to the ground on _____ and also keeps planets and _____ moving in their orbits in _____.

1.body, 2.volume, 3.motion, 4.matter, 5.dimensions, 6.gravitation, 7.speed, 8.objects, 9.space, 10. Earth, 11.direction, 12.moons, 13.attraction.

The matter that we can see around us can look very different. Such matter has clearly defined boundaries, such as rocks, but other matter has imprecise boundaries, such as clouds.

Summary:

- **What are the properties of matter?**
- **Look for the new words in the dictionary.**
- **Look for examples of matter with clearly defined boundaries and matter which has imprecise boundaries.**