Matter and energy

1. Complete the following sentences.

a) _____ is the amount of matter something contains.

b) _____ is the amount of space an object occupies.

c) _____ is the relationship between the mass and volume.

d) _____ materials are_____materials which go through a chemical transformation.

e) _____ refers to how difficult the material is to scratch and change shape.

f) _____ happens when water is heated and becomes water vapour.

g) An_____mixture is one in which the different elements are visible and you can separate them easily.

h) _____ is the process by which one separates liquids with different densities.

2. Say whether these sentences are true (T) or false (F).

a) Mechanical energy is produced by vibration.

b) Light energy is the fastest form of energy.

c) Sunlight is a renewable source of energy.

d) Uranium is a non-renewable source of energy.

e) Reflection is the process in which light passes from one substance into another, and changes speed and direction.

f) Some materials transfer heat better than others.

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