1) **Match the following words with their definitions :** Science, a science, scientific, scientist.

a) The study of the nature and behaviour of natural things and the knowledge obtained about them ……
b) A particular area of scientific knowledge and study, or the study of an area of a human behaviour……
c) Describes things that relate to science……
d) Someone who works in science……

2) Which branches of science study each of these areas?

Environment - Human mind and behaviour – Language - Numbers, quantities and shapes - People, society and culture - Substances and their reactions - Weather - Political systems.

Mathematics and logic	Physical science	Life science	Social sciences

3) Fill in blanks with the appropriate words: difference - formulated - test - develop - science - matter - related - physicists - energy - studies - expressed - laws - apply - abstract - studies - material - sciences - produce

Physics is a branch of . . . . . which studies . . . . . and its motion as well as how it interacts with . . . . . and forces. There are many branches of physics including electricity, astronomy, motion, waves, sound, and light. Physics . . . . . the smallest elementary particles and atoms as well as the largest stars and the universe.

Because of natural . . . . . like biology, chemistry, geology, material science, medicine, engineering, and others, work with systems which adhere to the . . . . . of physics, physics is often referred to as the "fundamental science". For an example of how the laws of physics . . . . . to all of the other sciences, consider that chemistry, the science of matter which . . . . . atoms and molecules, complies with the theories of quantum mechanics, thermodynamics, and electromagnetism in order to . . . . . chemical compounds.

Also, we find that physics is closely . . . . . to mathematics, for it provides the logical structure in which physical laws may be . . . . . and their predictions quantified. A great many of physics' definitions, models, and theories are . . . . . using mathematical symbols and formulas. The central . . . . . between physics and mathematics is that ultimately physics is concerned with descriptions of the . . . . . world whereas mathematics is focused on . . . . . logical patterns that may extend beyond the real world.

Scientists who are experts in physics are called . . . . Physicists use the scientific methods to . . . . . hypotheses and . . . . . scientific laws. Some of the most famous scientists in history are considered physicists such as Isaac Newton and Albert Einstein.