43. Complete the following passage by using the words provided below. Each word may be used once, or not at all.

direction	**heat**	**lubrication**	**potential**	**rough**
mass	**shape**	**smooth**	**speed**	**motion**

When we stretch a rubber band, it becomes longer and thinner. This shows that forces can change the _____ or size of an object. Forces can also change the _____ of an object e.g. a ball being kicked from left to right. Slowing down a car by pressing the brake makes use of a force called friction. The force of friction is high between _____ surfaces. Friction also converts kinetic energy into _____ energy. Oil can be used to reduce friction between moving parts in a machine. This is called _____.

[5]

42. Write **TRUE** or **FALSE** in the box provided for each of the statements below

a) Anabolic steroids are useful drugs for athletes to improve their performance

b) Diffusion in liquid is faster than diffusion in gas.

c) Firefly gives out light energy.

d) The pulmonary artery carried oxygenated blood from the heart.

e) Using energy saving bulbs is one of the ways to conserve energy at home.

[5]

LIVEWORKSHEETS