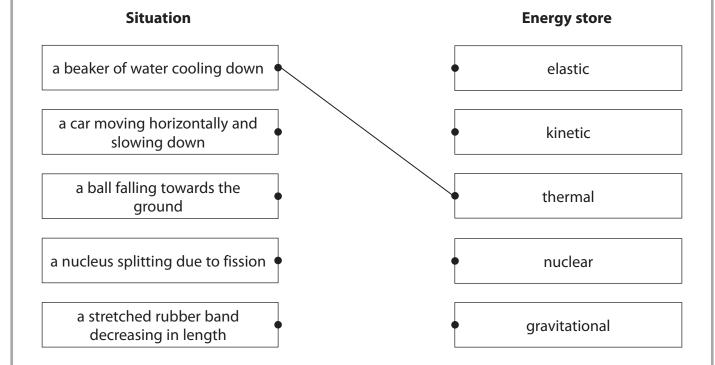
Answer ALL questions.

1 (a) The boxes give some situations and some energy stores.

Draw one straight line from each situation to the energy store that decreases for that situation.

The first one has been done for you.

(4)



mechanical

X

sound radiation

(b) Energy is transferred when a filament lamp is connected to a battery.		
(i) Which method of energy transfer takes place between the battery and the lamp? (1)		
X	Α	electrical
X	В	heating
\boxtimes	C	mechanical
\times	D	radiation
(ii) Which method of energy transfer takes place between the lamp and the surroundings?		
\times	A	electrical
\times	В	light radiation

(Total for Question 1 = 6 marks)