

Energy

- Joules
- Watts
- Work
- Calories / kCal
- Kinetic
- Potential
- Conservation
- Renewable
- Thermal
- Nuclear
- Solar
- Inexhaustible
- Mass - energy ($E = mc^2$)

Ways to Represent Energy

- Diagrams

- Pie charts

- Energy of a system

- Total size of the pie can change

- Written

- $E_{\text{subscript}}$

- Kinetic $\rightarrow K$

- Gravitational potential $\rightarrow g$

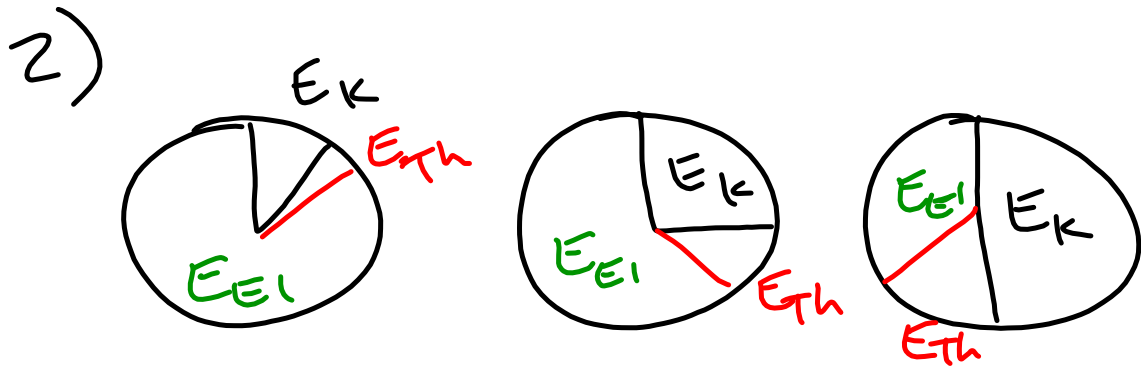
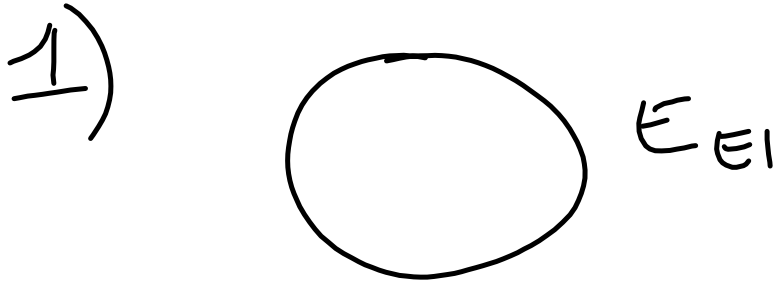
- Thermal $\rightarrow Th$

- Chemical $\rightarrow Ch$

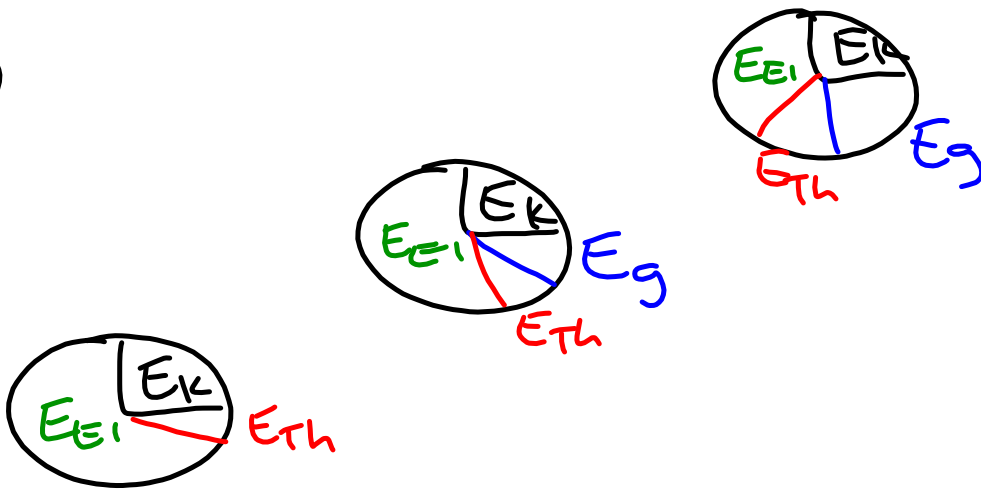
- Nuclear $\rightarrow N$

- Elastic $\rightarrow El$

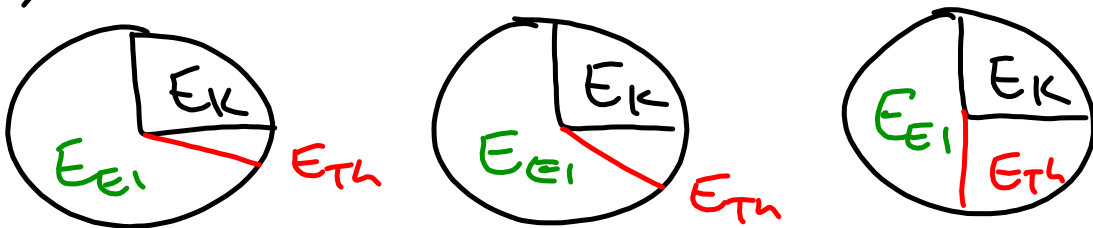
ESTM Worksheet 1a



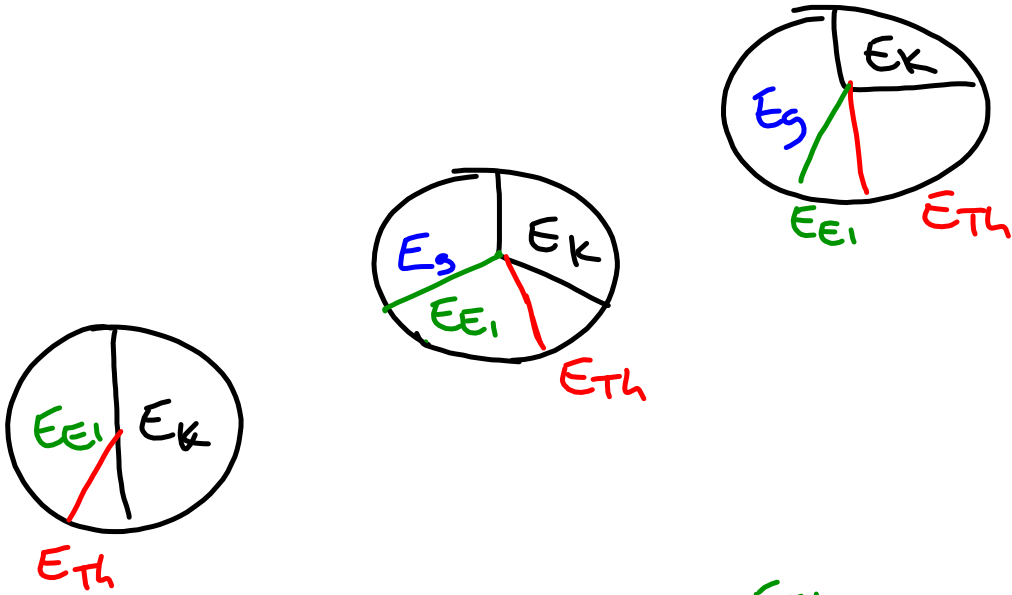
3)



4)



5)



6)

