

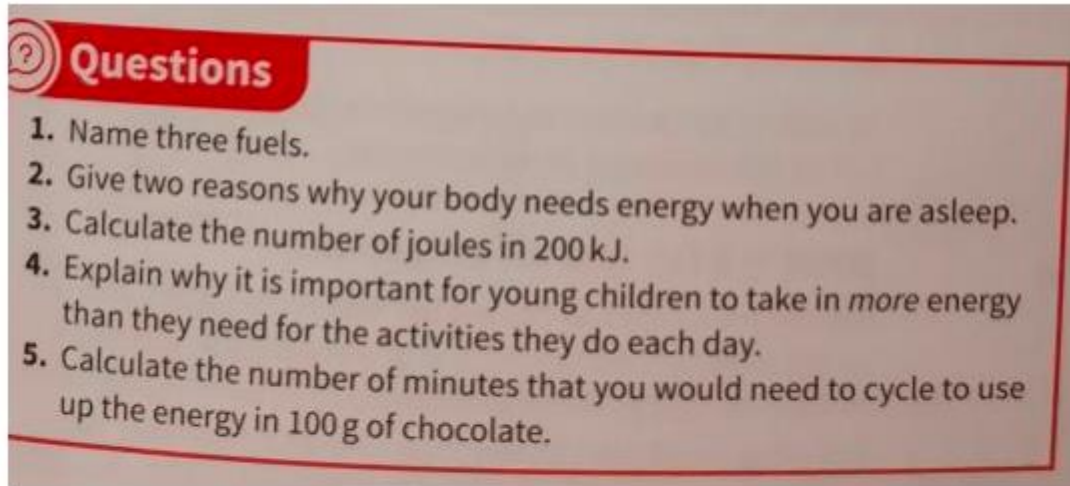


Name: **Answer key**

Date:

Grade 6 CS all sections

Answer key page 21 .



Q1 : Oil ,wood and coal .

Q2: For keeping your body warm and breathing.

Q3: 200,000 joules (1 KJ = 1000 J)

Q4: To grow bigger bones, brains and muscles.

Q5: $1500 \text{ KJ} / 25 \text{ KJ per minutes} = 60 \text{ minutes (1 hour)}$

Answer key page 25 :

Questions

1. Write down two sources of chemical energy.
2. A child picks up a toy from the floor. Name the store that has gained energy.
3. Describe the way energy is stored in a stretched elastic band.
4. A pendulum swings backwards and forwards. Write down two of the energy stores involved.
5. A student thinks that the Sun is a huge ball of fire that provides the energy for the Earth. Would you say that they are correct? Explain your answer.

Q1: Food, Fuel and battery .

Q2: Gravitational potential energy.

Q3: Elastic potential energy.

Q4: Gravitational potential energy, Kinetic energy.

Q5 : (Not required)