

Unit 5 Test

1. Complete the sentences. One extra word

Mechanical • Chemical • Electrical • Thermal • Light

- _____ energy is found in wood, food and batteries.
- _____ energy can transform into light, sound, heat or movement.
- _____ energy is the fastest form of energy.
- _____ energy flows from warm to cool substances.

2. Press the renewable energy sources



3. Tick the correct sentences

- Light cannot travel through opaque materials. ☐
- When light travels into another substance, it bounces back. ☐
- Refraction happens when light changes speed and direction in a new substance. ☐
- A change in thermal energy is called heat. ☐
- Heat cannot change the state of a material, but it can cause some to expand. ☐

4. Join to make true sentences

Mechanical energy •

Sound energy •

Chemical energy •

Thermal energy •

Light energy •

Electrical energy •

• is the fastest form of energy.

• is stored in petrol and batteries.

• is produced by movement.

• can transform into sound or light.

• is produced by vibrations.

• is provided by fire.

5. Write the words in the correct place

temperature

insulators

conductors

particles

- a** Matter is made up of _____ which move constantly.
- b** Thermal _____ transfer heat well.
- c** Changes in _____ can make some materials expand.
- d** Thermal _____ do not conduct heat well.

6. Write REFLECTION or REFRACTION





7. Press the correct option

	Conductor	Insulator
Metal		
Wood		
Cork		
Silicone		
Silver		