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

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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	is the fastest form of energy.
Sound energy	is stored in petrol and batteries.
Chemical energy	is produced by movement.
Thermal energy	can transform into sound or light.
Light energy	is produced by vibrations.
Electrical energy	is provided by fire.

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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		

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