

# E5-E: Wasted energy

Name: \_\_\_\_\_

We use things that transform and transfer energy.

- Some of the energy does the work we want.
- Some of the energy doesn't do the work we want. It is wasted.

**In the last column**

- **Tick the useful form of energy – the one that does the job we want**
- **Circle the wasted forms of energy**

Thing	Transforms energy from	Transforms energy into
Light bulb	electrical	light, thermal
Remote-controlled car	electrical	kinetic, heat, sound
Phone	electrical	light, sound, heat
Bluetooth Speaker	electrical	sound, light , heat
Car	chemical	kinetic, sound, heat
TV	electrical	sound, light, heat

There is one form of energy that is wasted in every example. Which form is it?

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Sometimes we use energy but don't get the benefit from it. For example:

- Leaving the lights on when you are not in the room.
- Heating water in the kettle, but not using it

Write down 3 more ways that we waste energy

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