

UNIT 6 ENERGY, HEAT AND LIGHT

1. Write **true** or **false**.

- a Heat is thermal energy. _____
- b Coal is the most important source of heat on Earth. _____
- c We can use electricity to produce heat. _____
- d We measure temperature with a thermometer. _____
- e Temperature is measured in cm³. _____

2. Read and match

| | | |
|---------------|--------------------------------|-------------------|
| a. conductors | do not transmit heat very well | plastics and wood |
| b. insulators | transmit heat very well | metals |

3. Write **R** (renewable energy source) or **NR** (non-renewable energy source).

- a. They will never run out. _____
- b. They cause air pollution. _____
- c. They will run out one day. _____
- d. Two examples are energy from the Sun and wind. _____
- e. They include fossil fuels, such as coal and natural gas. _____

4. Cross (X) the properties of light.

- a Light is a form of energy. _____
- b Light travels very slowly. _____
- c Light travels in straight lines. _____
- d Light travels in all directions. _____
- e Light can pass through all types of materials. _____
- f Light comes from natural and man-made sources. _____

5. Match

A



B



C



transparent

translucent

opaque

6. Look and write *refraction* or *reflection*.

