

Name:

Date:

Unit title: Torches

**1 What is electricity?**

- A An invisible form of magic.
- B A type of force similar to gravity that pulls objects down.
- C A type of energy used to power electrical items.
- D The force to push or pull something with your body.

**2 What type of diagram is this?**

- A Electric.
- B Circuit.
- C Product.
- D Exploded.

**3 What do these symbols represent?**

- A Map locations.
- B Bulbs.
- C Current.
- D Circuit components.

**4 What is a conductor?**

- A A material that does not allow electricity to travel through it.
- B A material that lets electricity travel through it.
- C A material that outputs electricity as light.
- D A material that lets water pass through it.

**5 What is an insulator?**

- A A material that electricity cannot pass through.
- B A material that absorbs and converts solar energy.
- C A material that allows electricity to pass through it.
- D A material that is springy and bounces back.

**6 What type of circuit is this?**

- A Parallel.
- B Line.
- C Series.
- D Linear.

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**7 Series circuits only have...**

- A ...space for one output to be connected at once.
- B ...a small amount of battery power.
- C ...one path for the electrical current to flow.
- D ...two paths that flow in the same direction.

**8 Which answer is a portable form of electricity?**

- A Plug.
- B Charger.
- C Mains.
- D Battery.

**9 What does this symbol represent?**

- A Bulb.
- B Battery.
- C LED.
- D Resistor.

**10 List some electrical health and safety tips.**