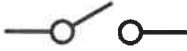
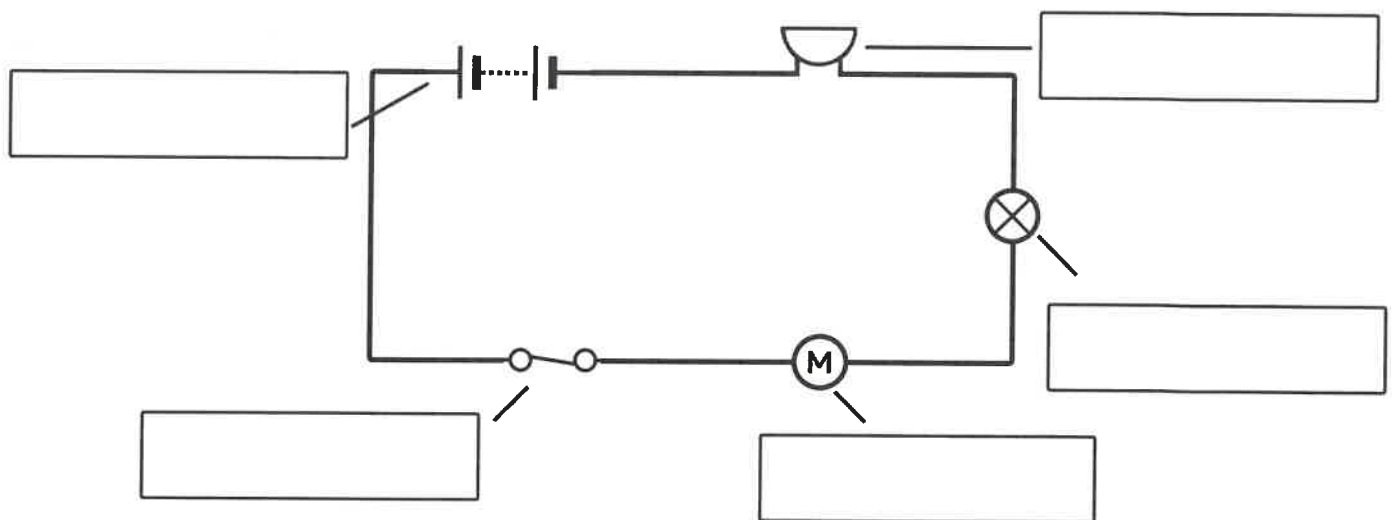


Electric Circuits

Label the circuit below.

 battery	 closed switch	 open switch	 cell	 voltmeter
 buzzer	 lamp	 lamp	 motor	 wire

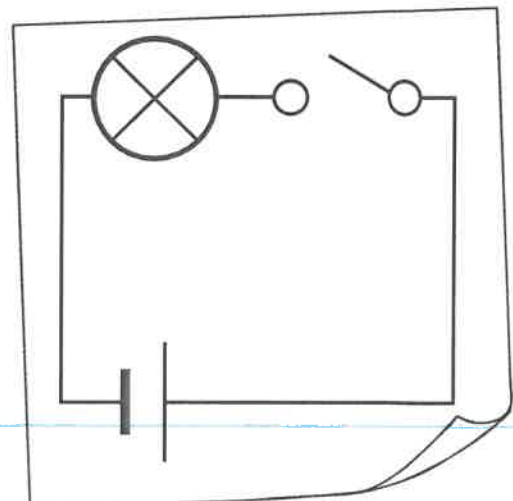
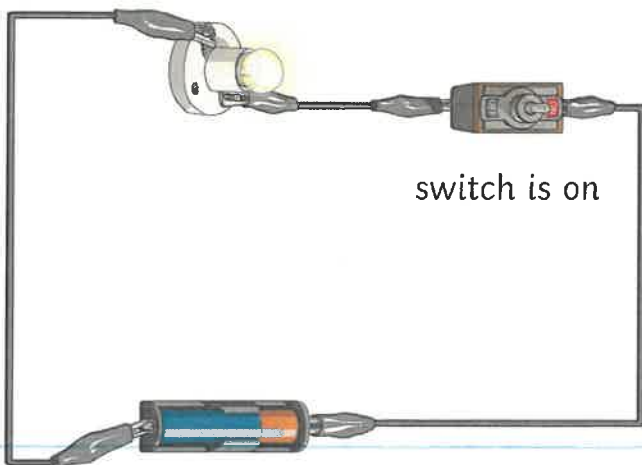
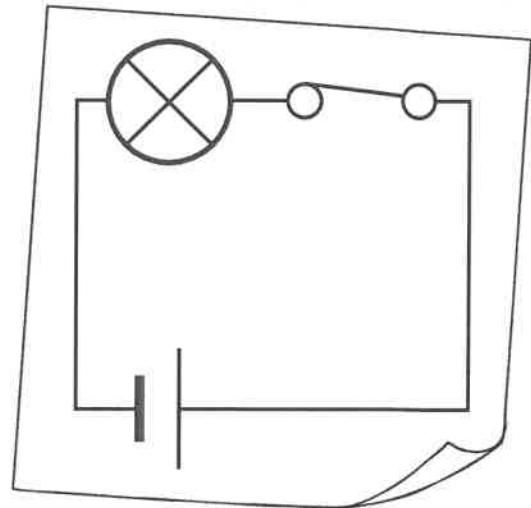
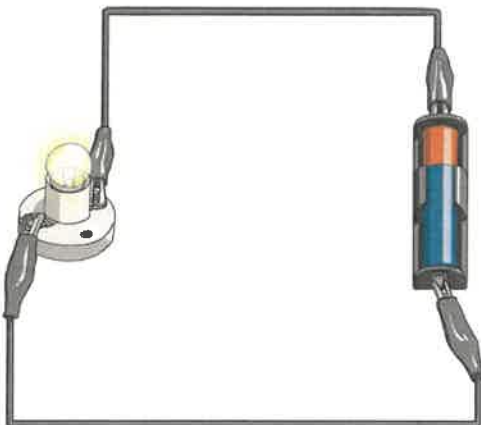
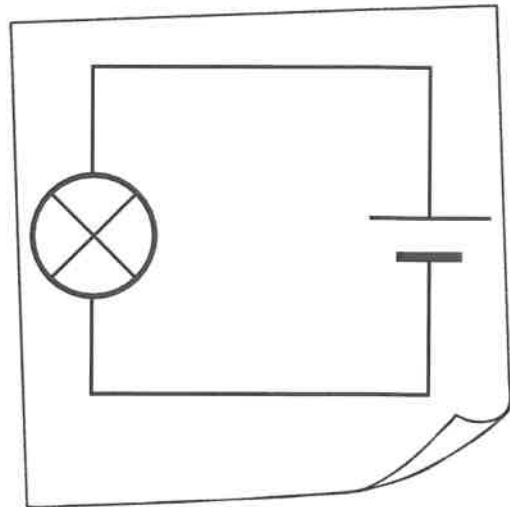
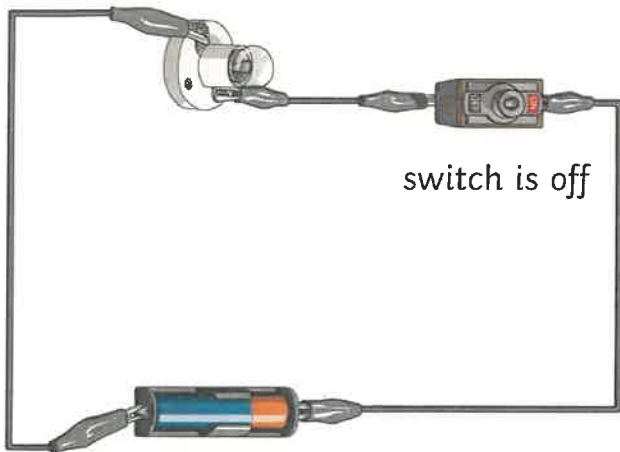


Circuit Diagram Match

To draw scientific diagrams of electrical circuits.



Match the circuit illustration to the correct scientific diagram.



Electrical Circuits

d w u o y q c x n t p d q o c
 a s p i n s u l a t o r p d i
 c a y u w f r n p i w h j z r
 h j c u b k r s b r e t e r c
 v o l t a g e n m s r f t e u
 e h g s t r n t v w u o p s i
 a m h k t b t o c i r c u i t
 s s p n e r b v h t g l d s d
 f l n c r x c a l c o d i t i
 b a h f y k e j v h e f g a a
 u w l h e r a l e i g u s n g
 l o c o n d u c t o r s y c r
 b q m u t i b l a m c e f e a
 r s e r i e s c i r c u i t m
 p a r a l l e l c i r c u i t

Circuit

Current

Voltage

Resistance

Conductor

Insulator

Battery

Switch

Bulb

Series circuit

Parallel circuit

Ohm's law

Power

Fuse

Circuit diagram

Electricity Crossword

funny way

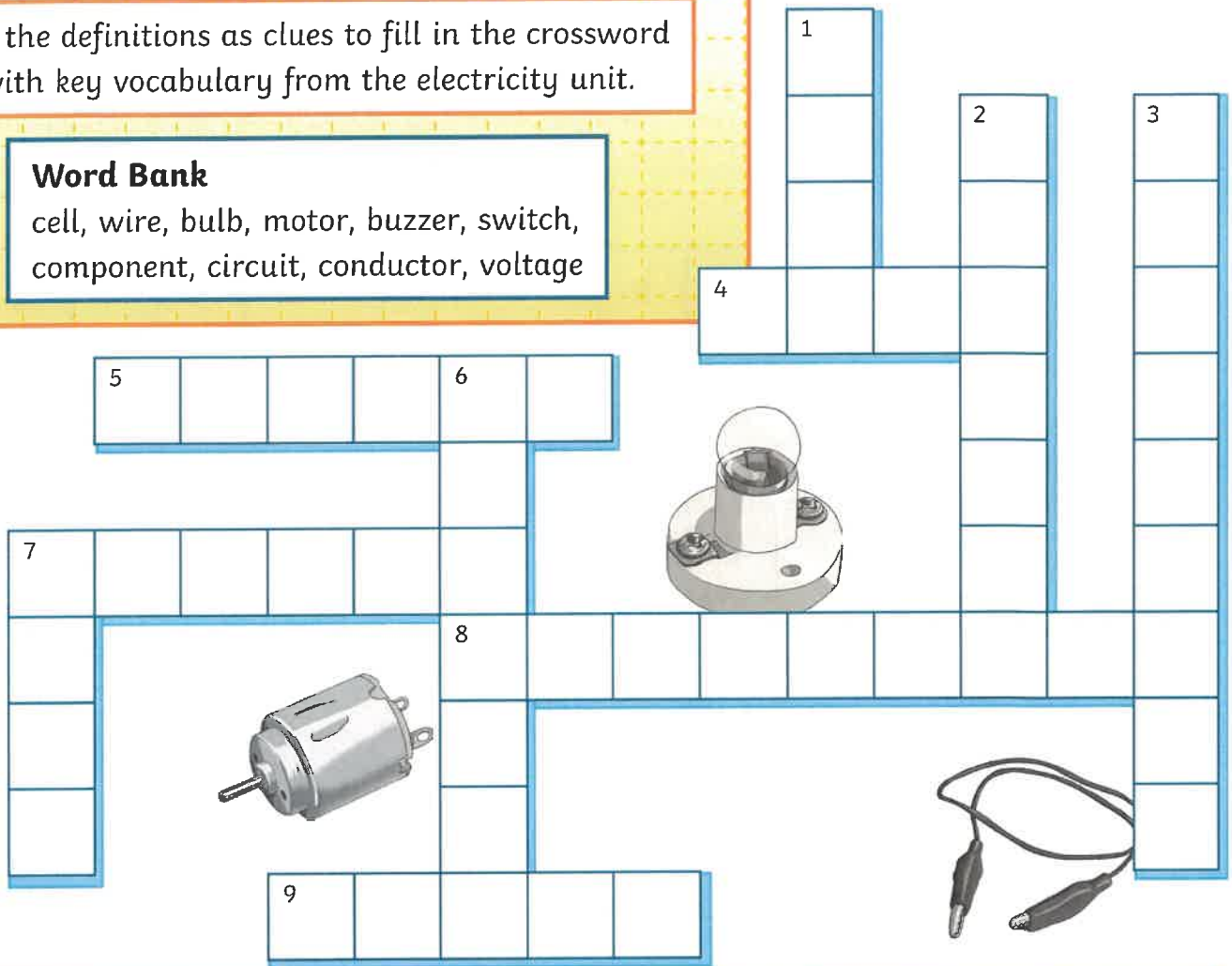
To recall key vocabulary and definitions from the electricity unit.



Use the definitions as clues to fill in the crossword with key vocabulary from the electricity unit.

Word Bank

cell, wire, bulb, motor, buzzer, switch, component, circuit, conductor, voltage



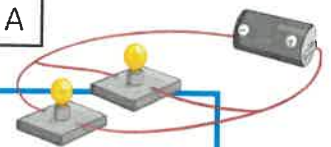
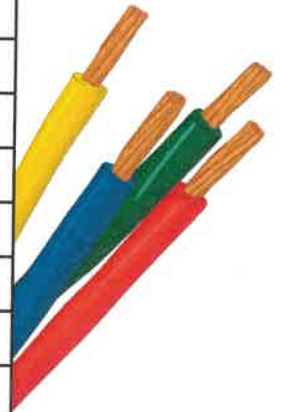
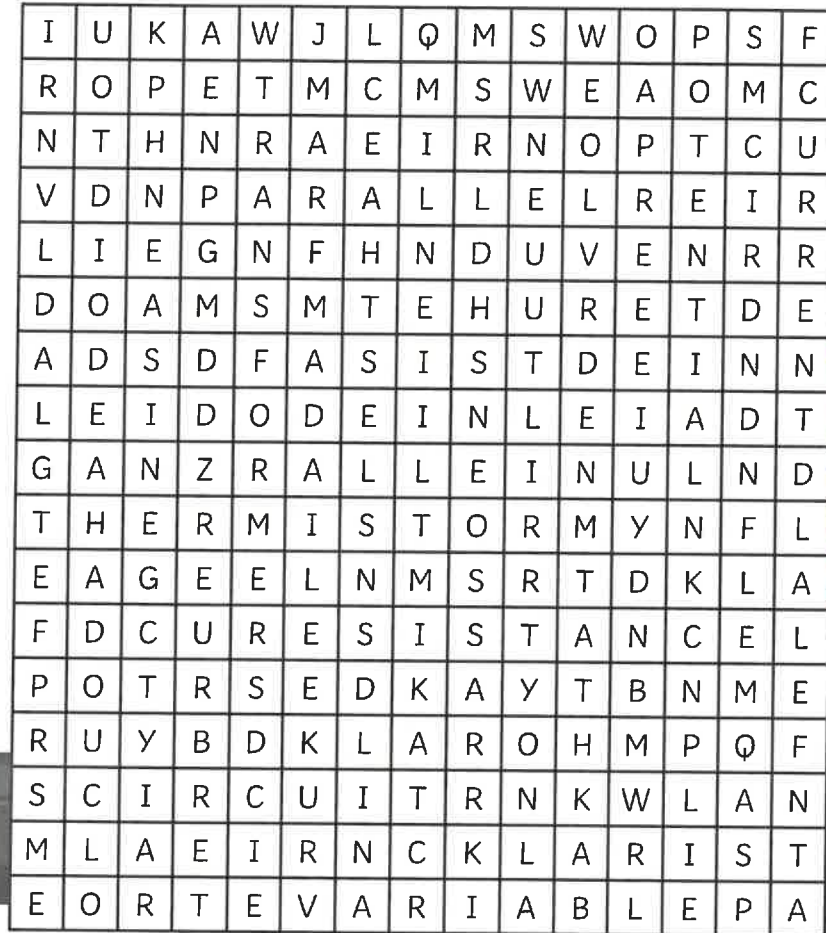
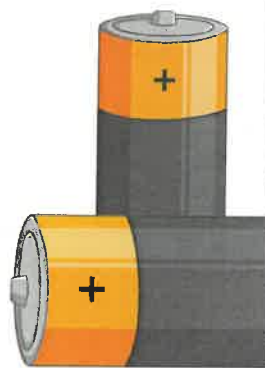
Across

4. This component stores electricity until it is needed.
5. This component allows a circuit to open and close.
7. This component produces sound.
8. This is the name given to a piece of equipment used in a circuit.
9. This is a component that produces movement.

Down

1. This electric component is made of conductive material and connects other components together.
2. This is the electrical force that pushes electrical charge around a circuit.
3. This is the name given to a material that allows electricity to pass through it.
6. This is a path that an electrical current can flow around.
7. This component produces light.

Electricity



Find the following words in the grid:

circuit

diode

parallel

resistance

transformers

current

ohm

potential

thermistor

variable

Questions

- Draw the symbol for variable resistor and a thermistor.
- Is it better to wire a house with a series or parallel circuit? Explain your answer. _____

- State the colours and names of the three wires found in a plug. _____

