

**NATURAL  
SCIENCES  
&  
TECHNOLOGY**  
RESOURCE PACK  
GRADE 5 TERM 3



RESOURCE 1

GagliardiImages/Shutterstock

FOOD IS FUEL FOR YOUR BODY



## RESOURCE 2

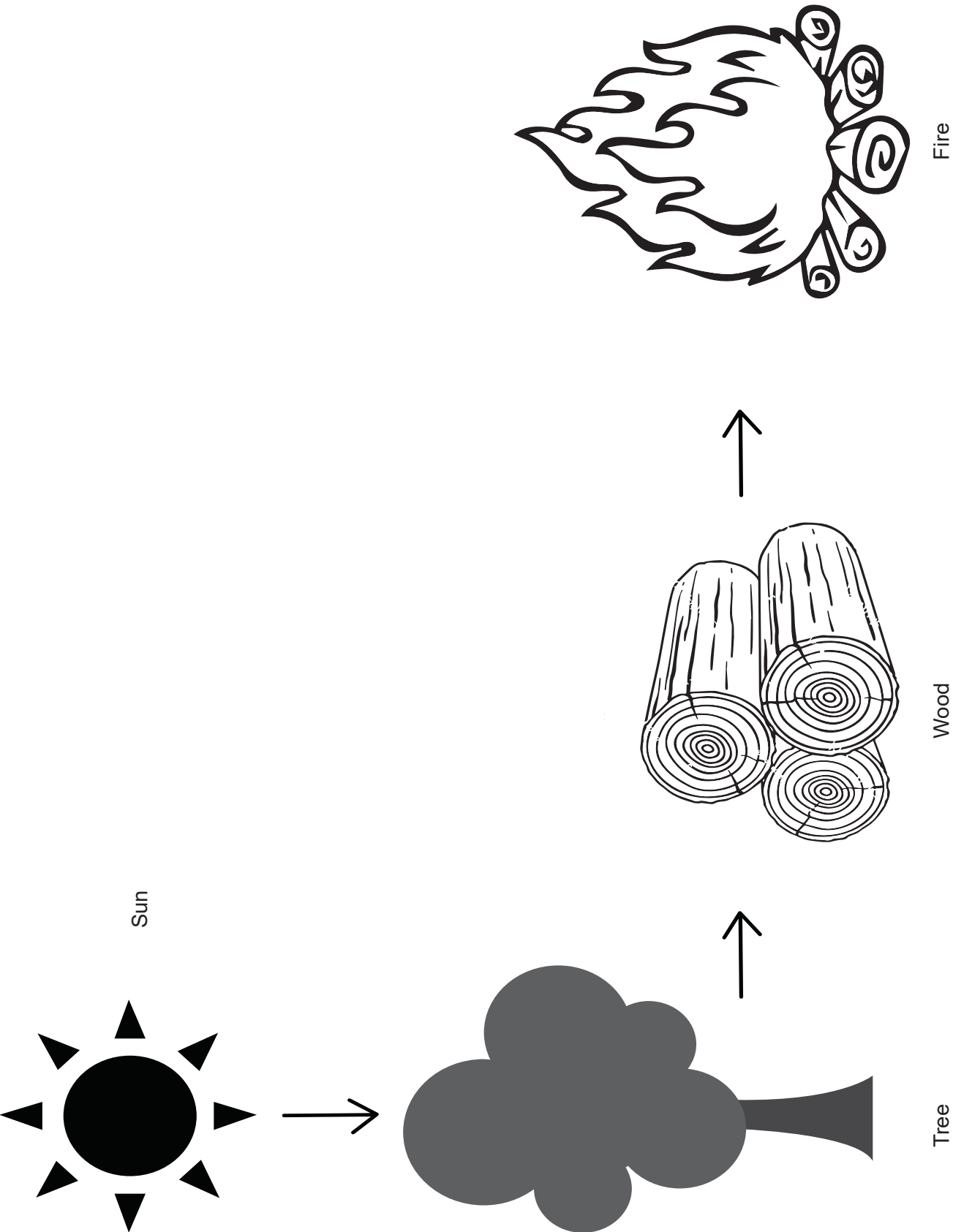
Oleandra/Shutterstock

ColoaStudio/Shutterstock

## STORED ENERGY



ENERGY FROM THE SUN IS STORED





## RESOURCE 4

Sekowska/Shutterstock

Bunyarit/Shutterstock

### PETROL AND PARAFFIN ARE FUELS



## RESOURCE 5

Ferumov/Shutterstock

### GAS IS A FUEL

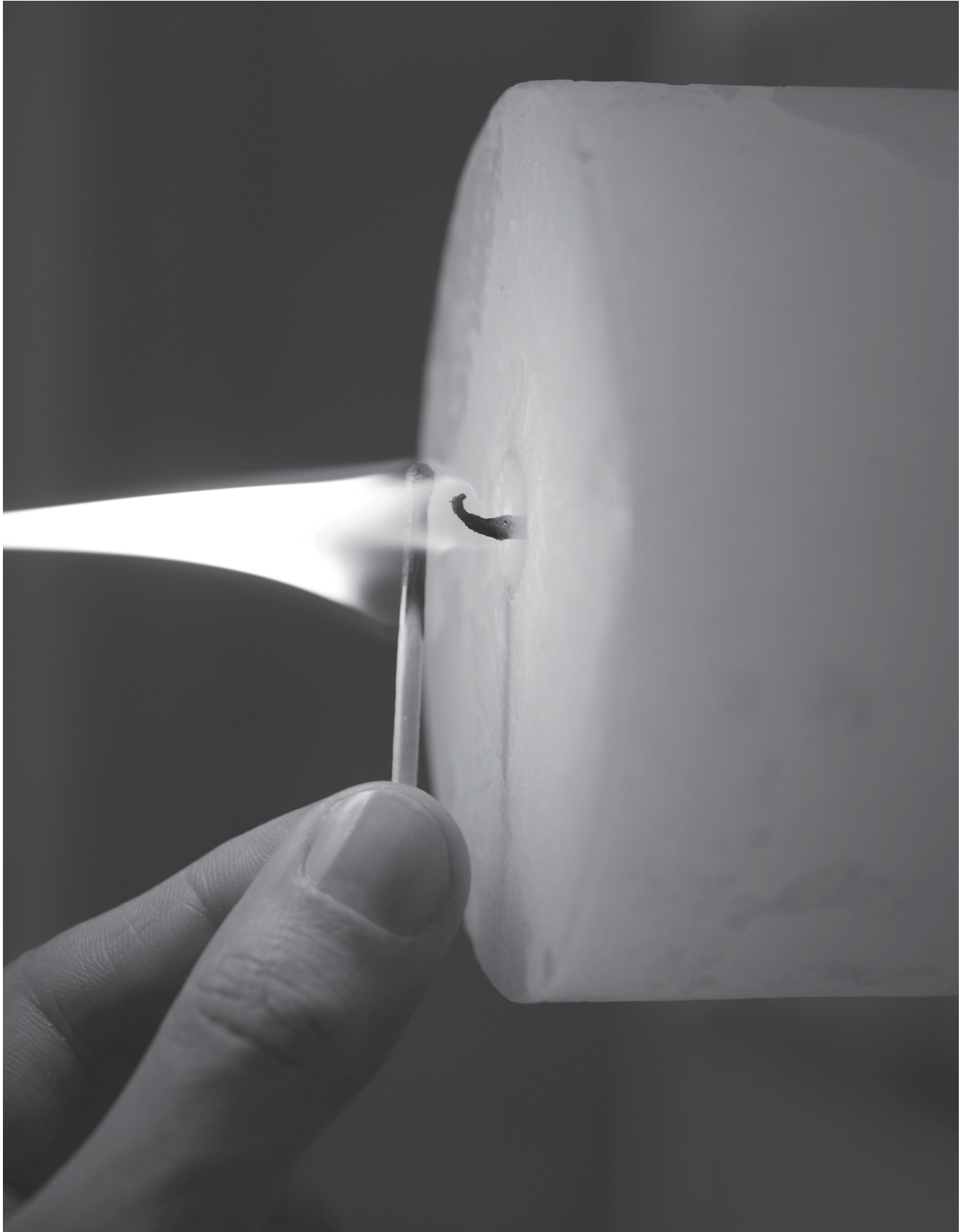




## RESOURCE 6

Pakhai/Shutterstock

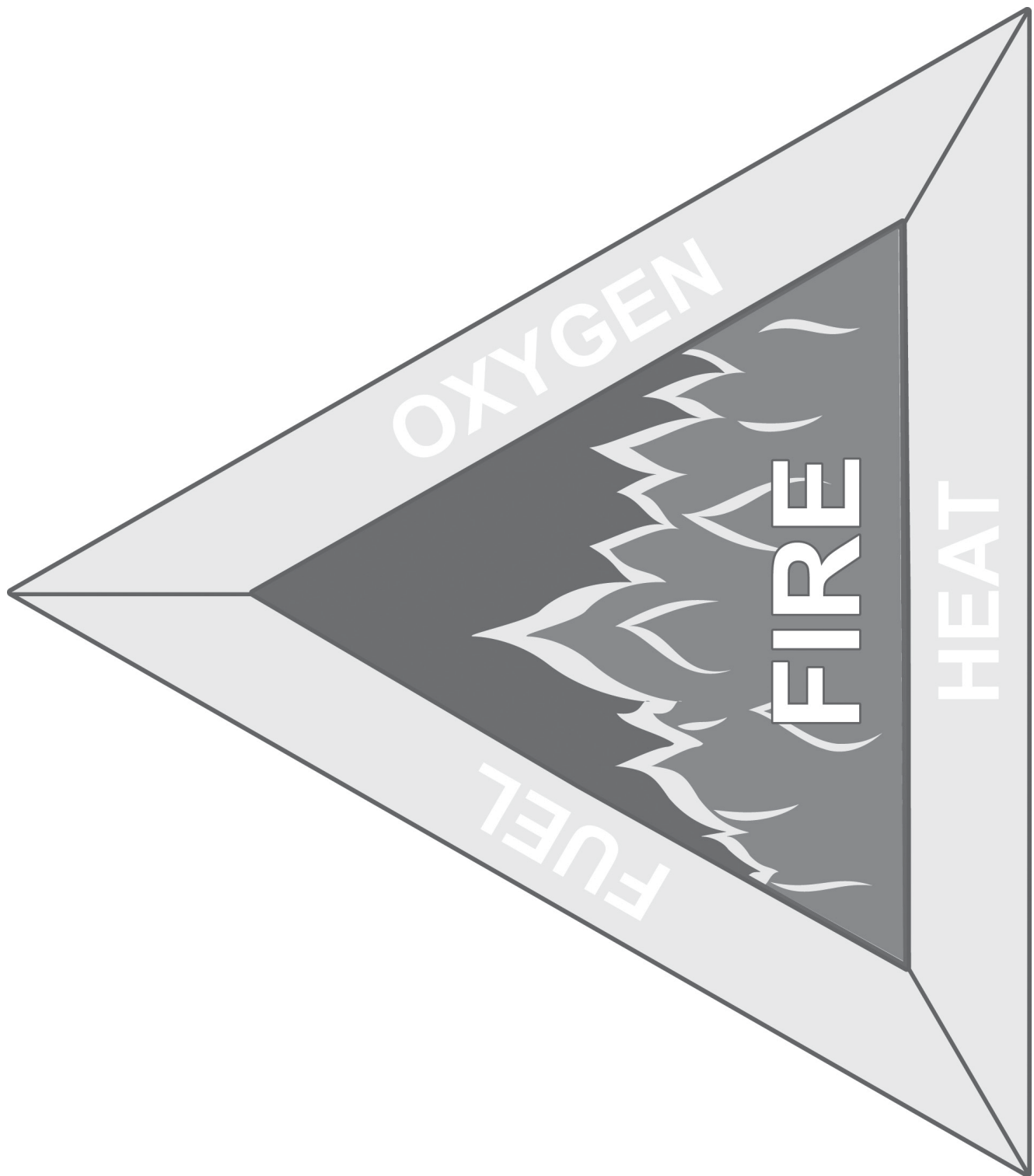
### CANDLEWAX IS A FUEL



RESOURCE 7

Cosmo/Shutterstock

THE FIRE TRIANGLE





## RESOURCE 8

<https://www.pexels.com/photo/fallen-trees-fire-forest-inferno-624065/>

### A VELD FIRE



# 5 Fire Safety Tips



**1**  
Have two  
escape plans

**2**  
Fall and crawl

**3**  
Don't play with  
matches, lighters,  
candles or  
paraffin lamps.

**4**  
Don't hide,  
go outside.

**5**  
Phone 10111



# FIRE DRILL SAFETY RULES

- ★ Listen carefully to directions.
- ★ Quietly line up.
- ★ Walk carefully out of the building to your assigned place.
- ★ Stay with your class at all times.
- ★ Wait with your teacher until it is safe to return to your room.



## RESOURCE 11

Dslaven/Shutterstock

### CELLS

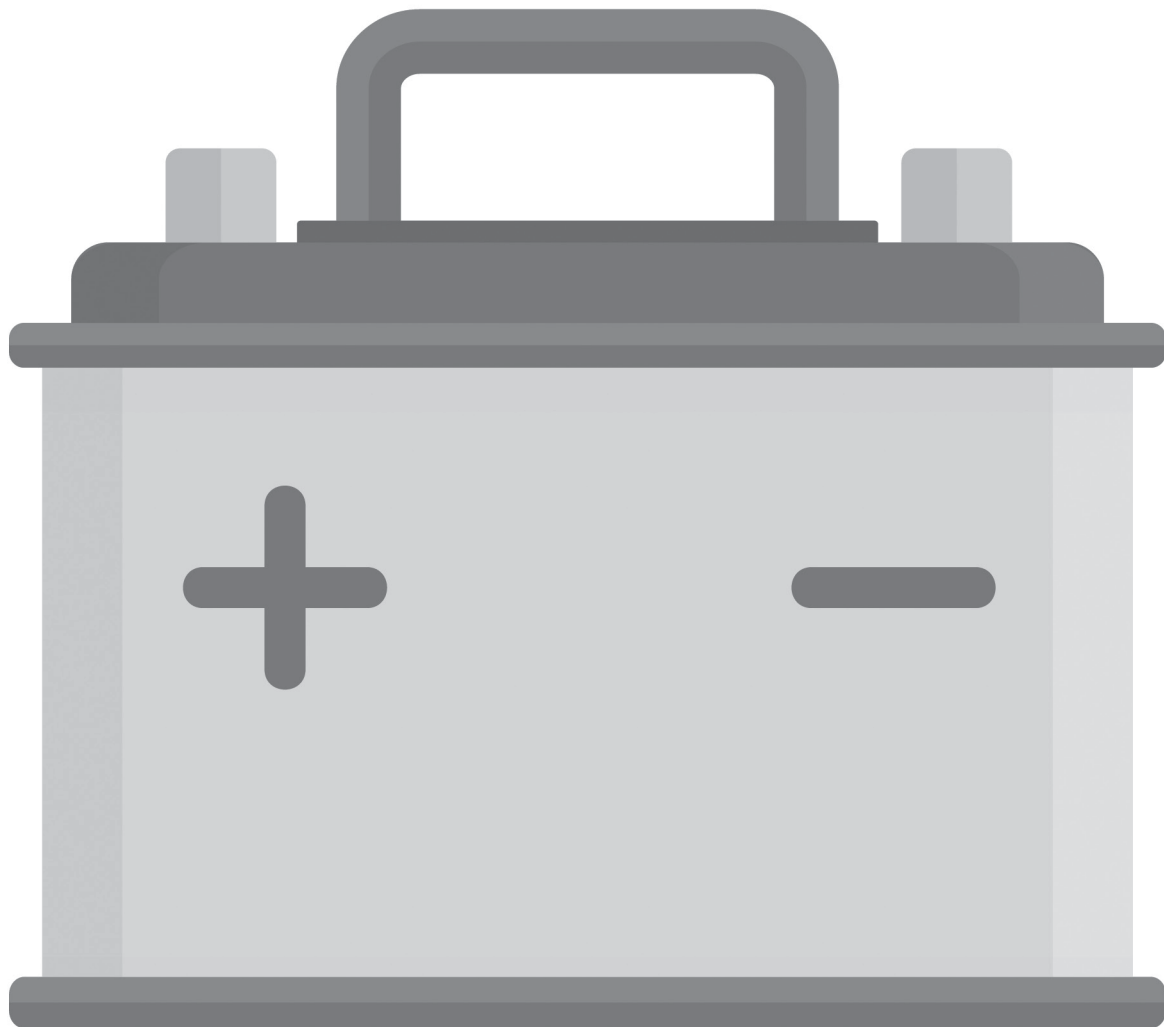




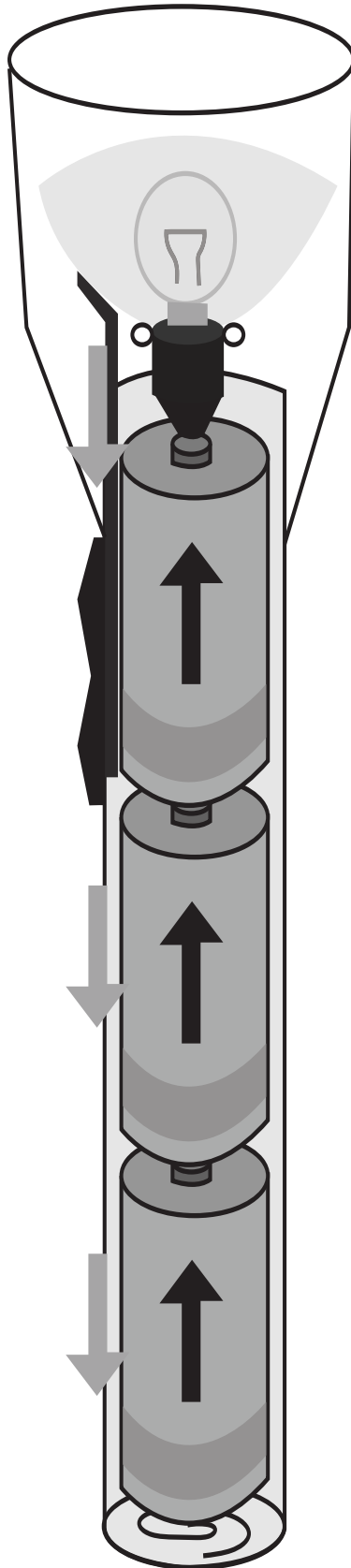
## RESOURCE 12

Haryigit/ Shutterstock

### BATTERIES



A TORCH

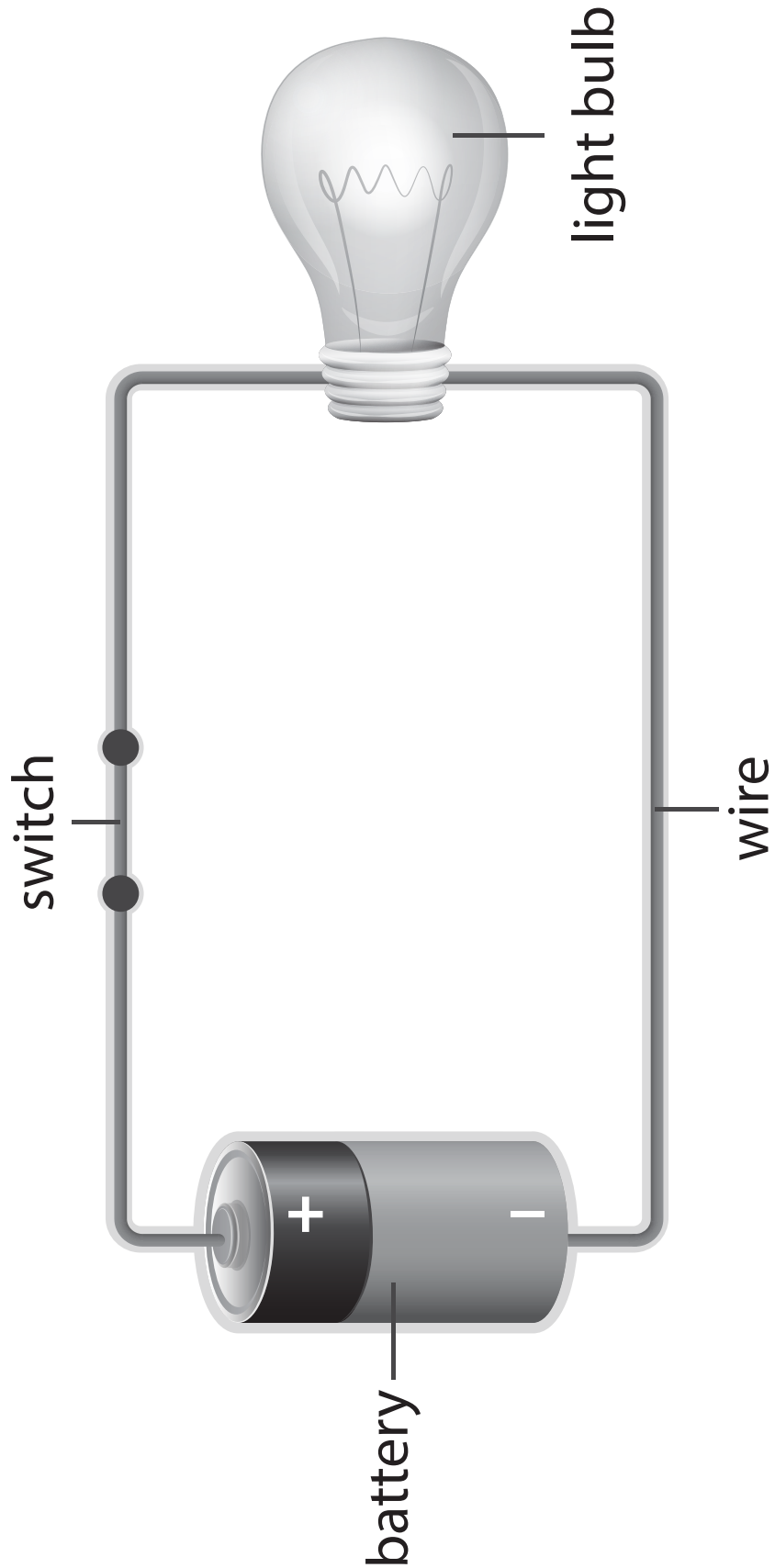


The electrical circuit in a torch

RESOURCE 14

Blueringmedia/Shutterstock

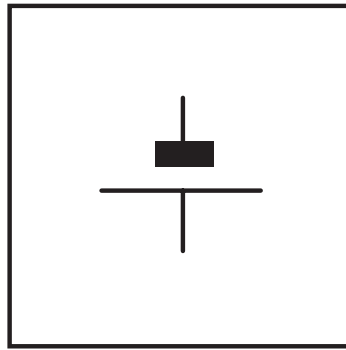
A SIMPLE CIRCUIT



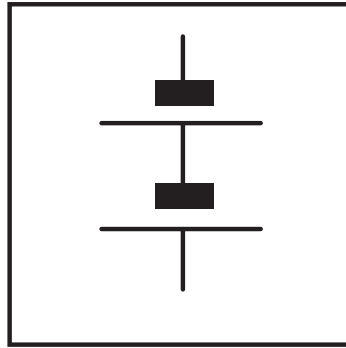
COMPONENTS OF AN ELECTRICAL CIRCUIT

# Components of an electrical circuit

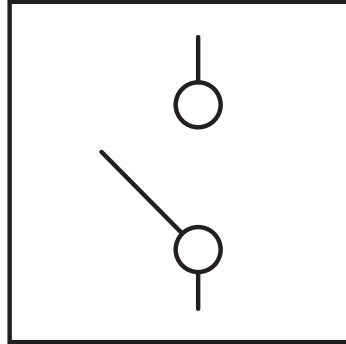
In circuit diagrams components are represented by the following symbols:



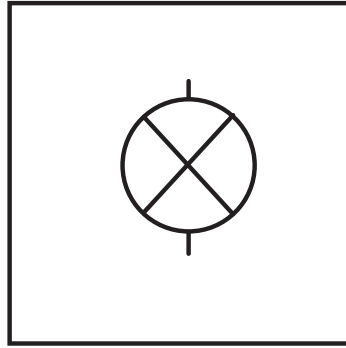
cell



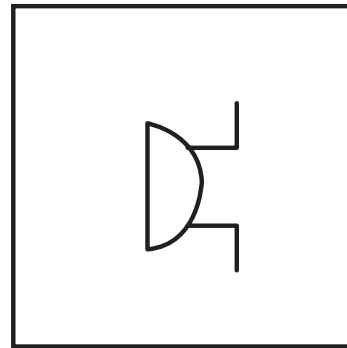
battery



switch



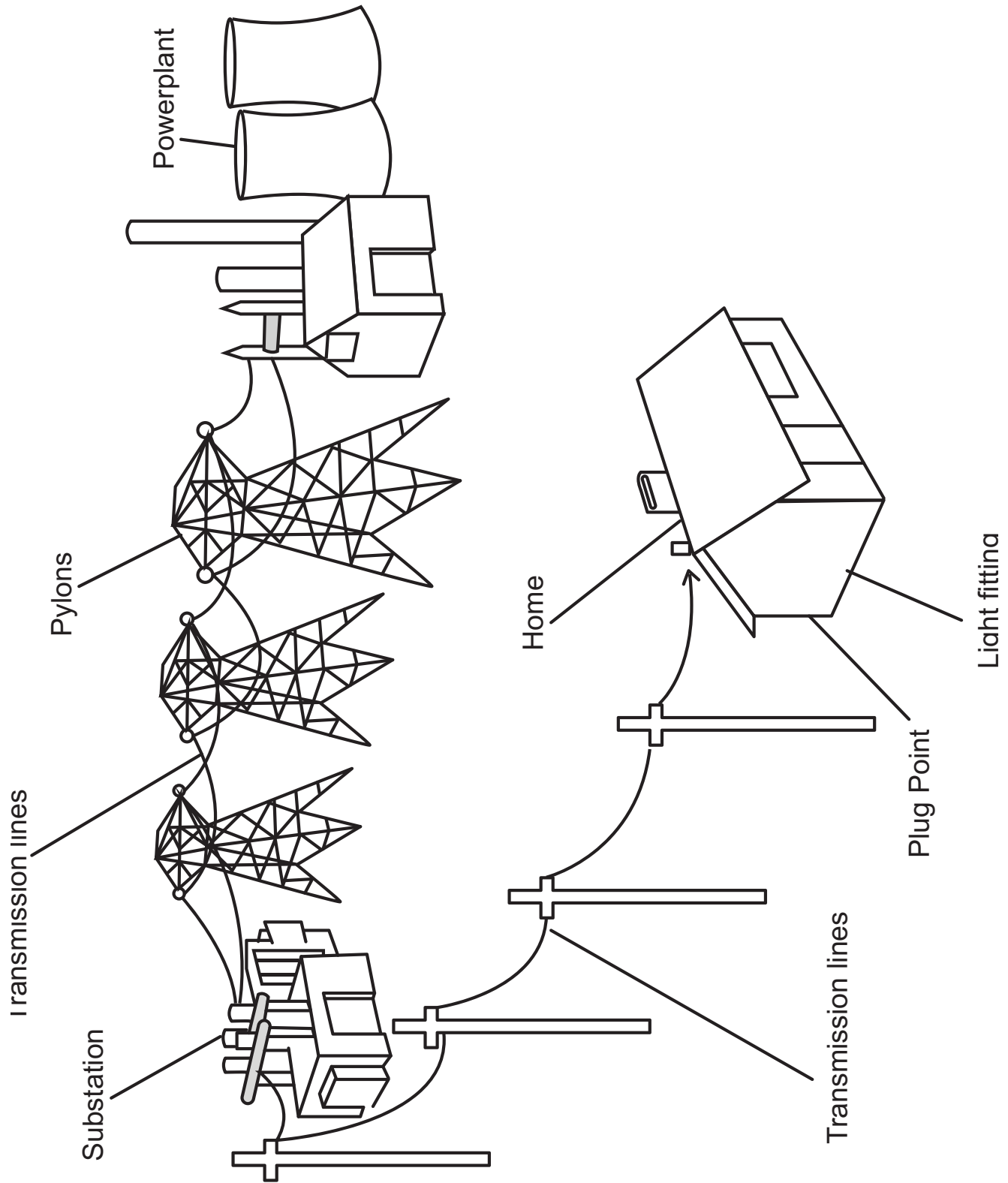
lamp



buzzer



FROM THE POWER STATION TO YOUR HOUSE AND BACK



## RESOURCE 17

Rasta777/Shutterstock

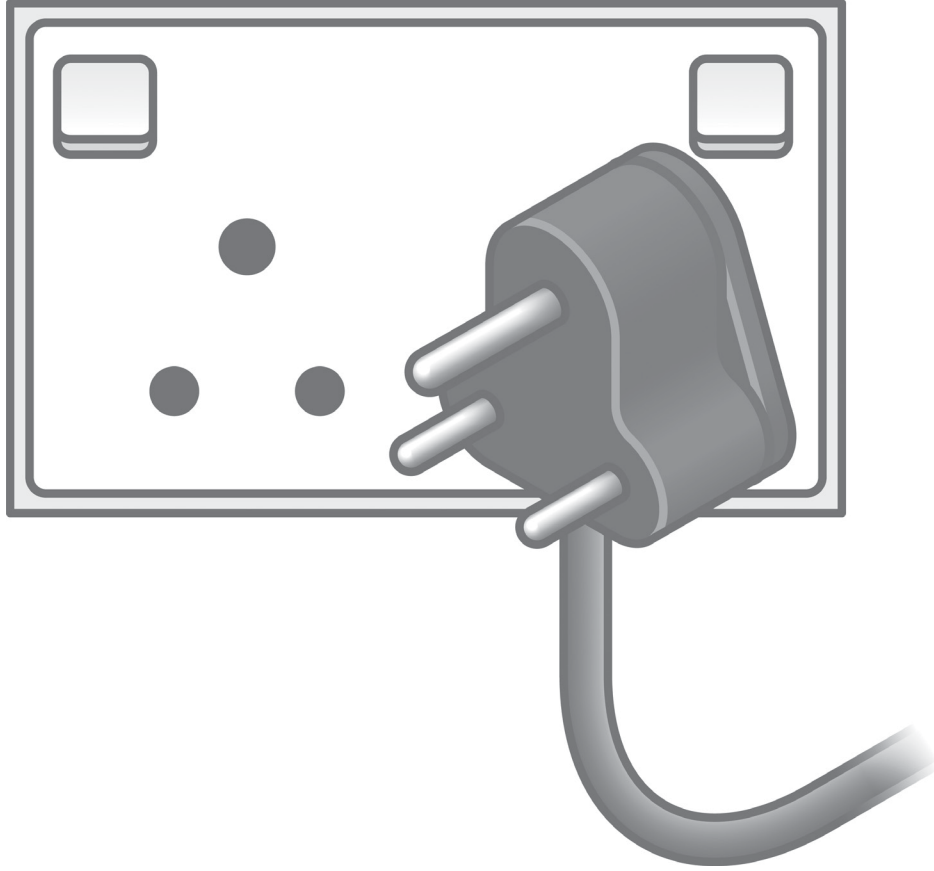
### A COAL MINE



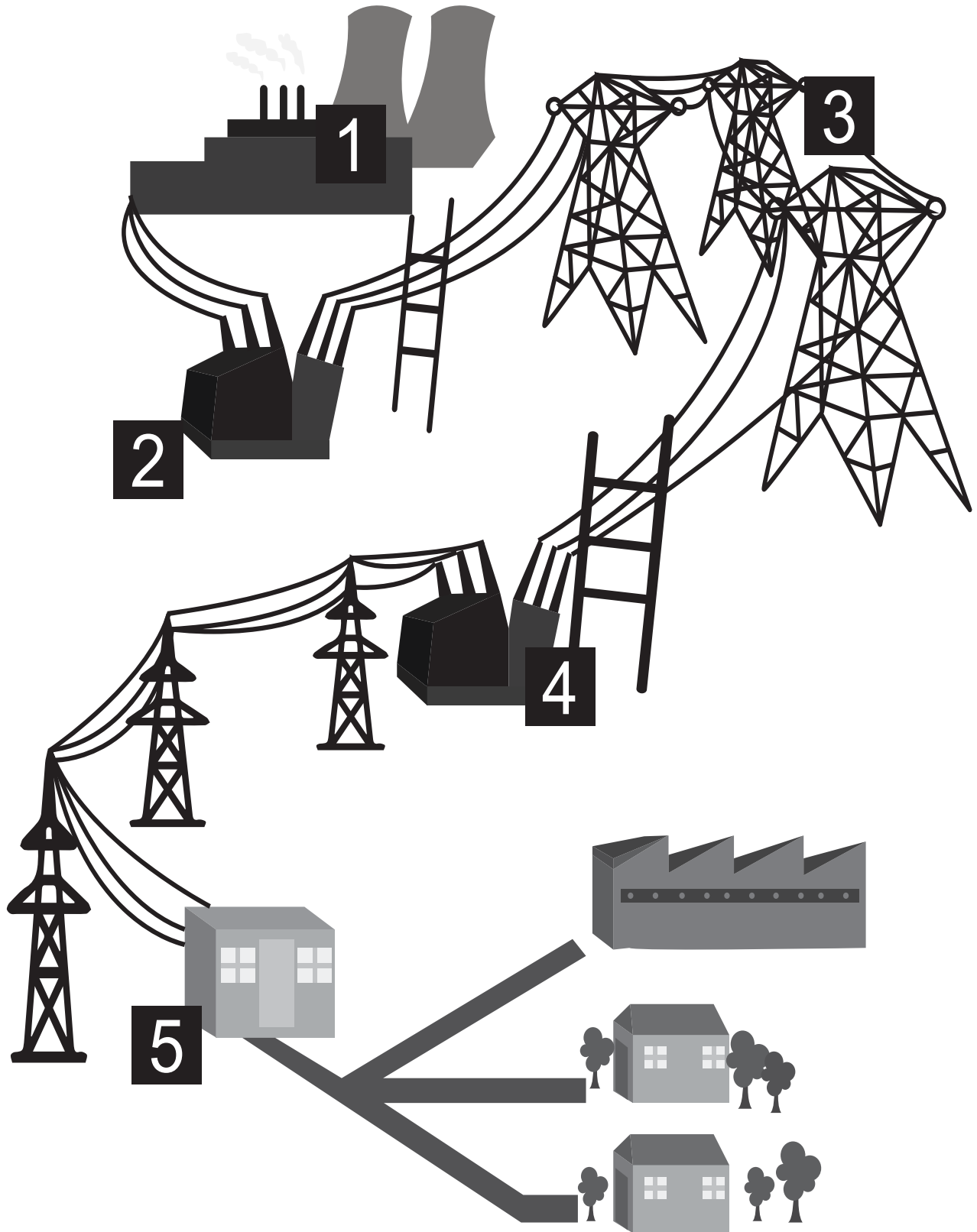
## RESOURCE 18

Liew/Shutterstock  
Prommanee/Shutterstock

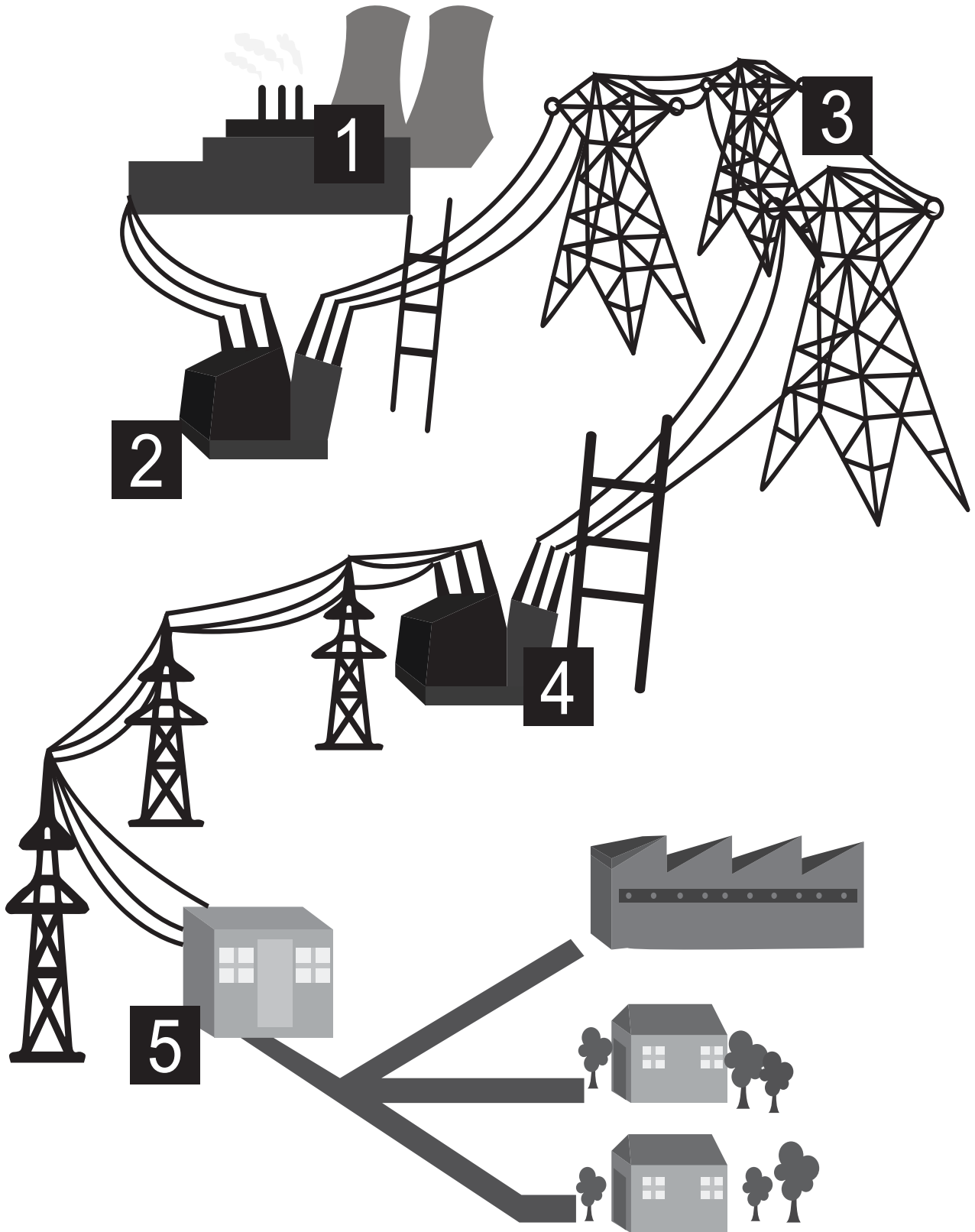
### A WALL SOCKET AND AN APPLIANCE

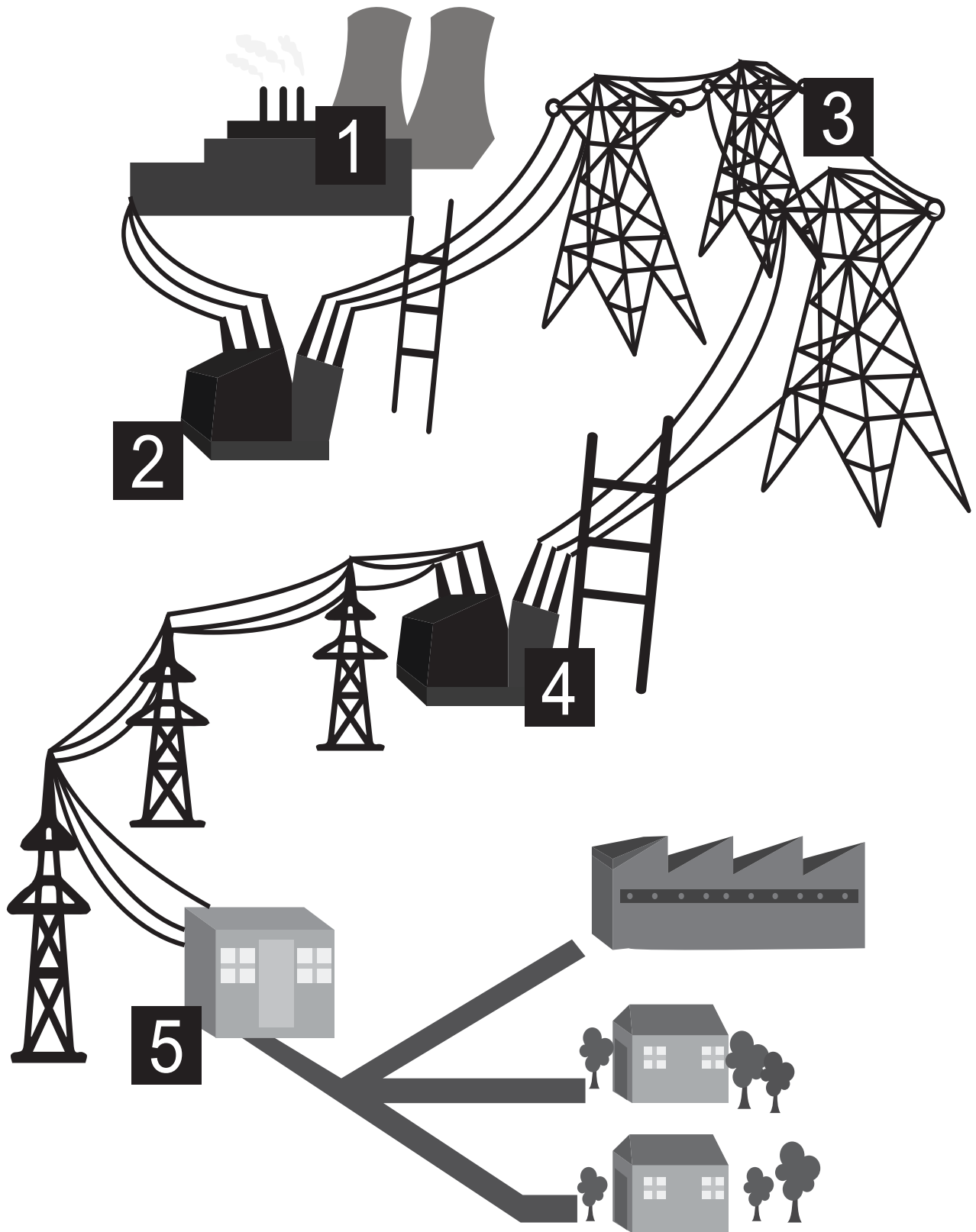


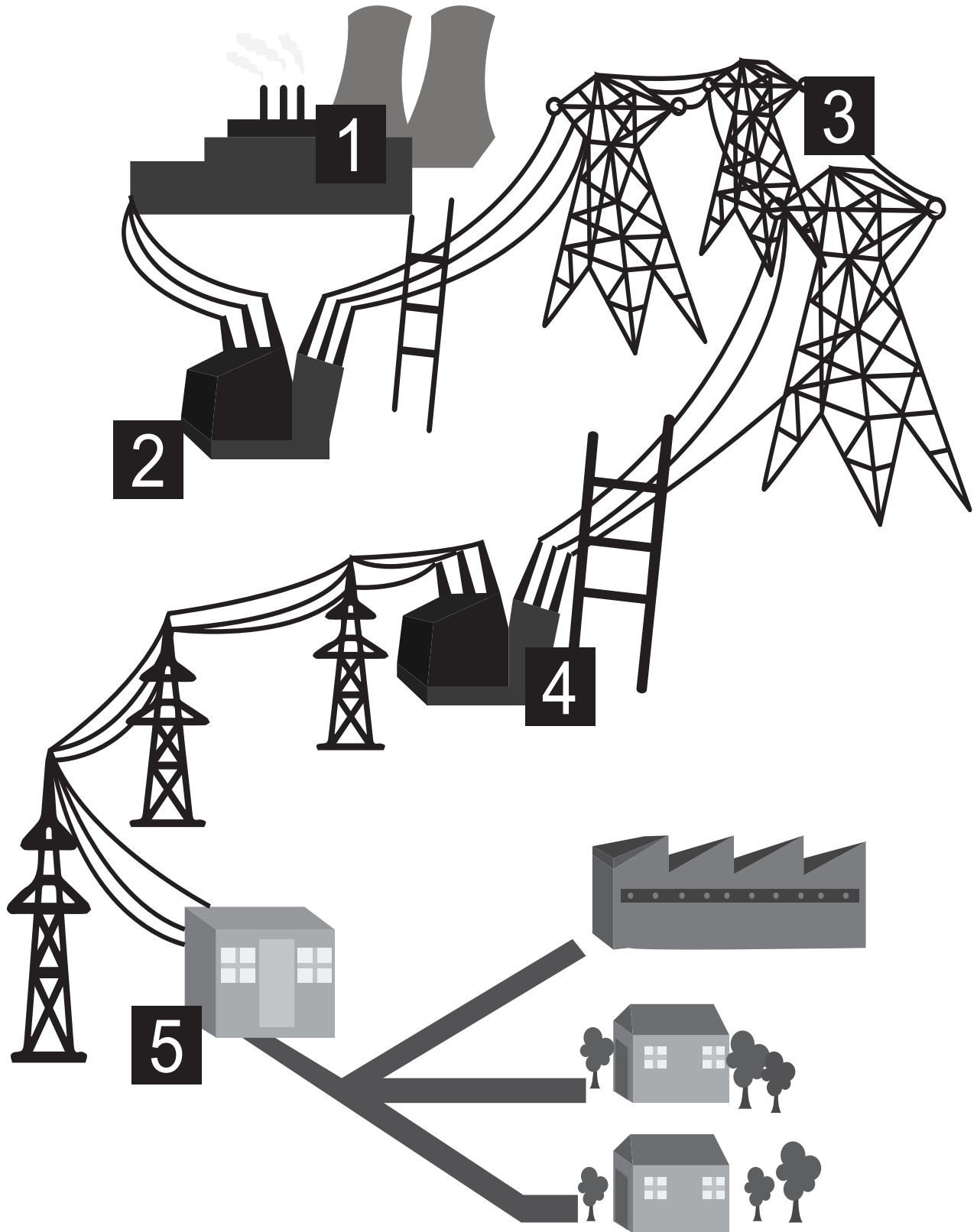


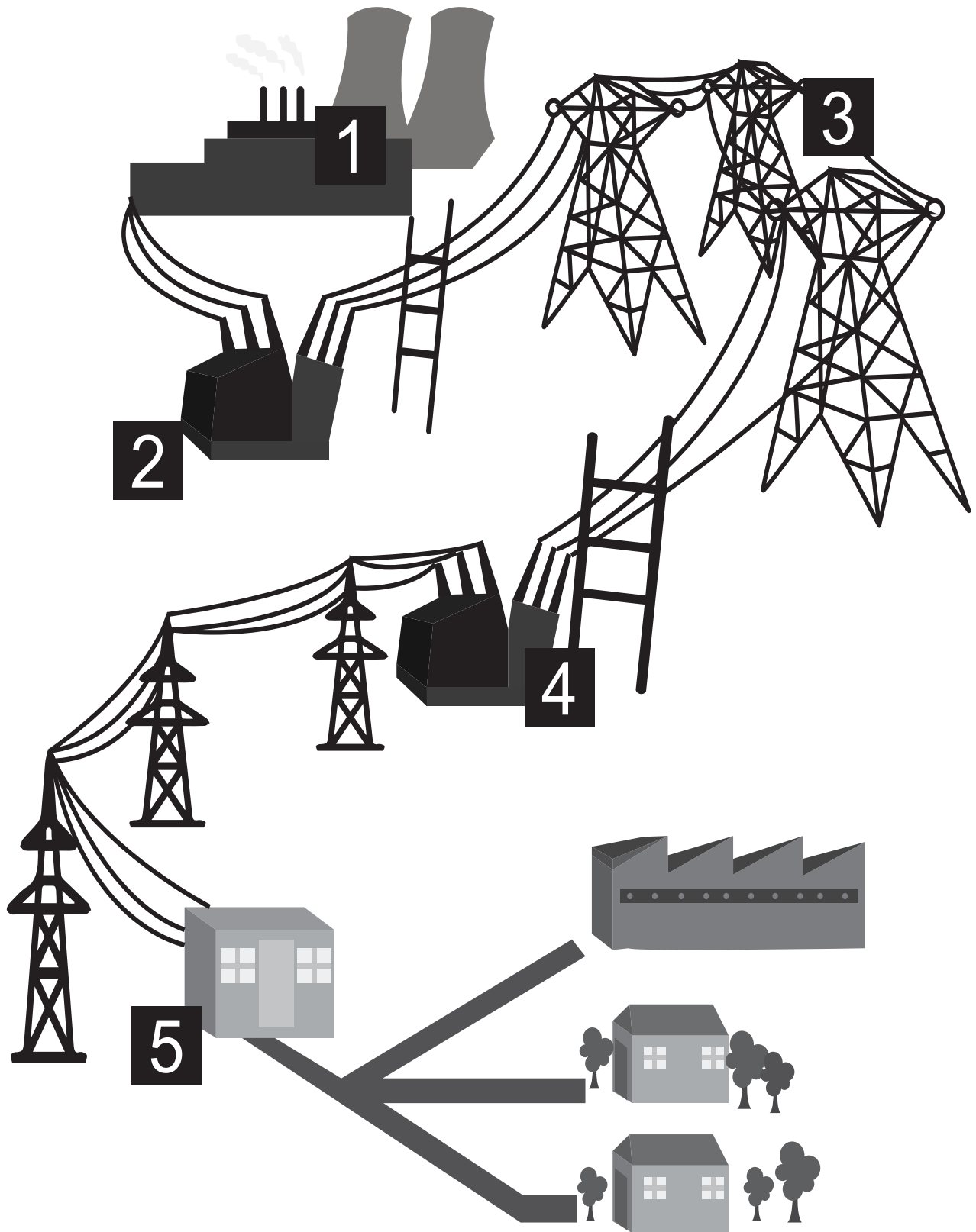


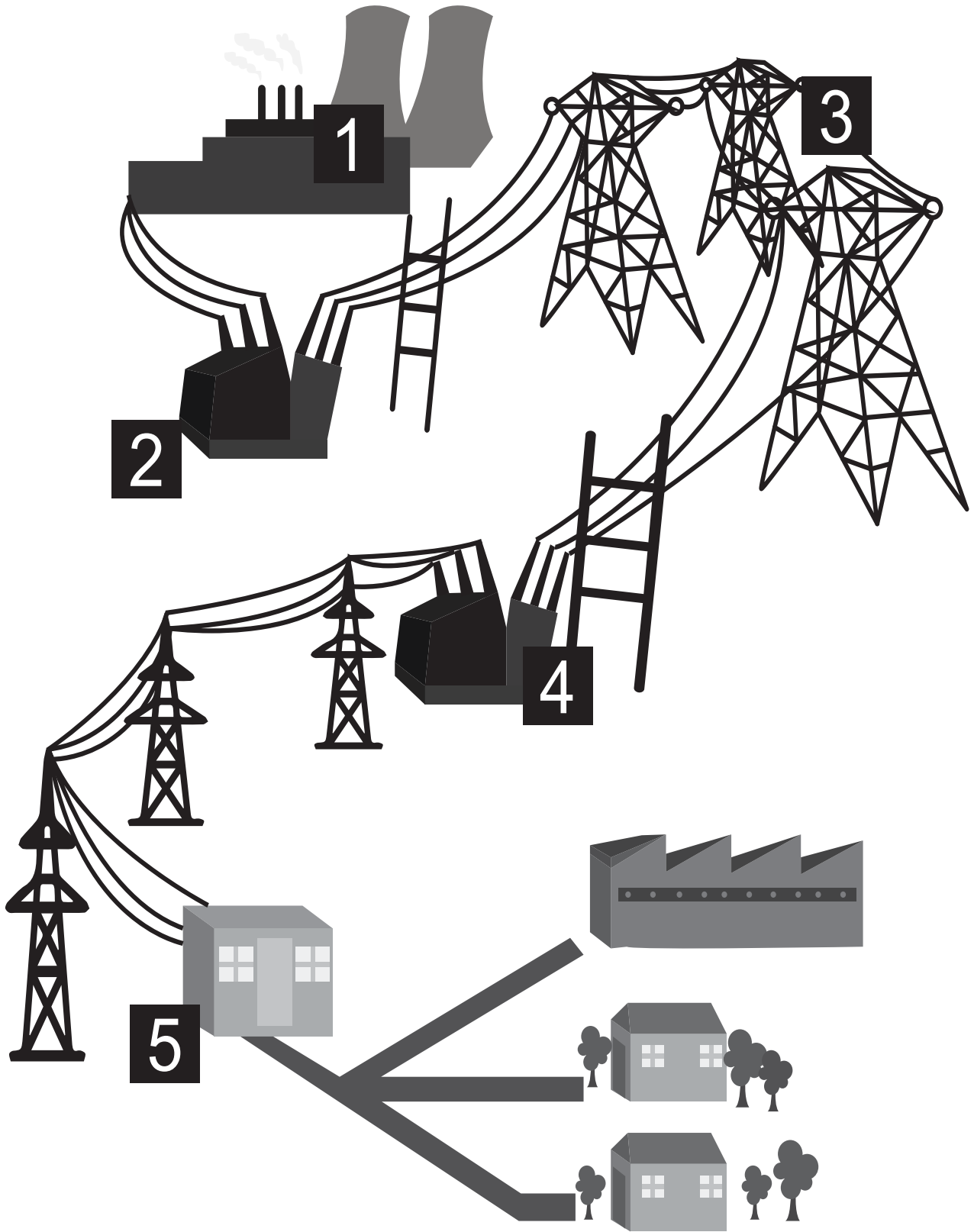










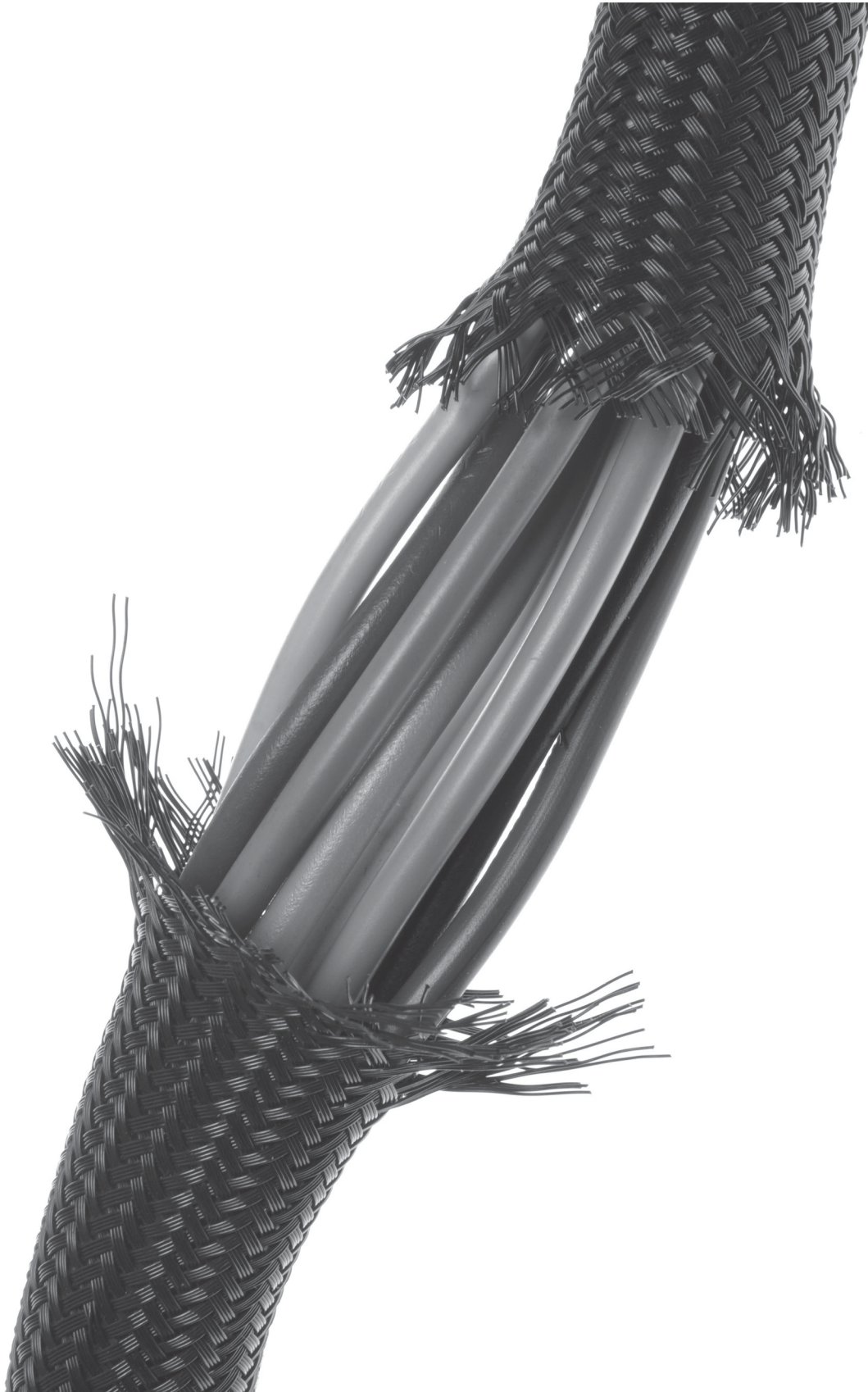




## RESOURCE 25

Flegere/Shutterstock

### A WORN ELECTRICAL CORD



## RESOURCE 26

ThamKC/Shutterstock

### AN OVERLOADED WALL SOCKET





## RESOURCE 27

Mokhavlov/Shutterstock

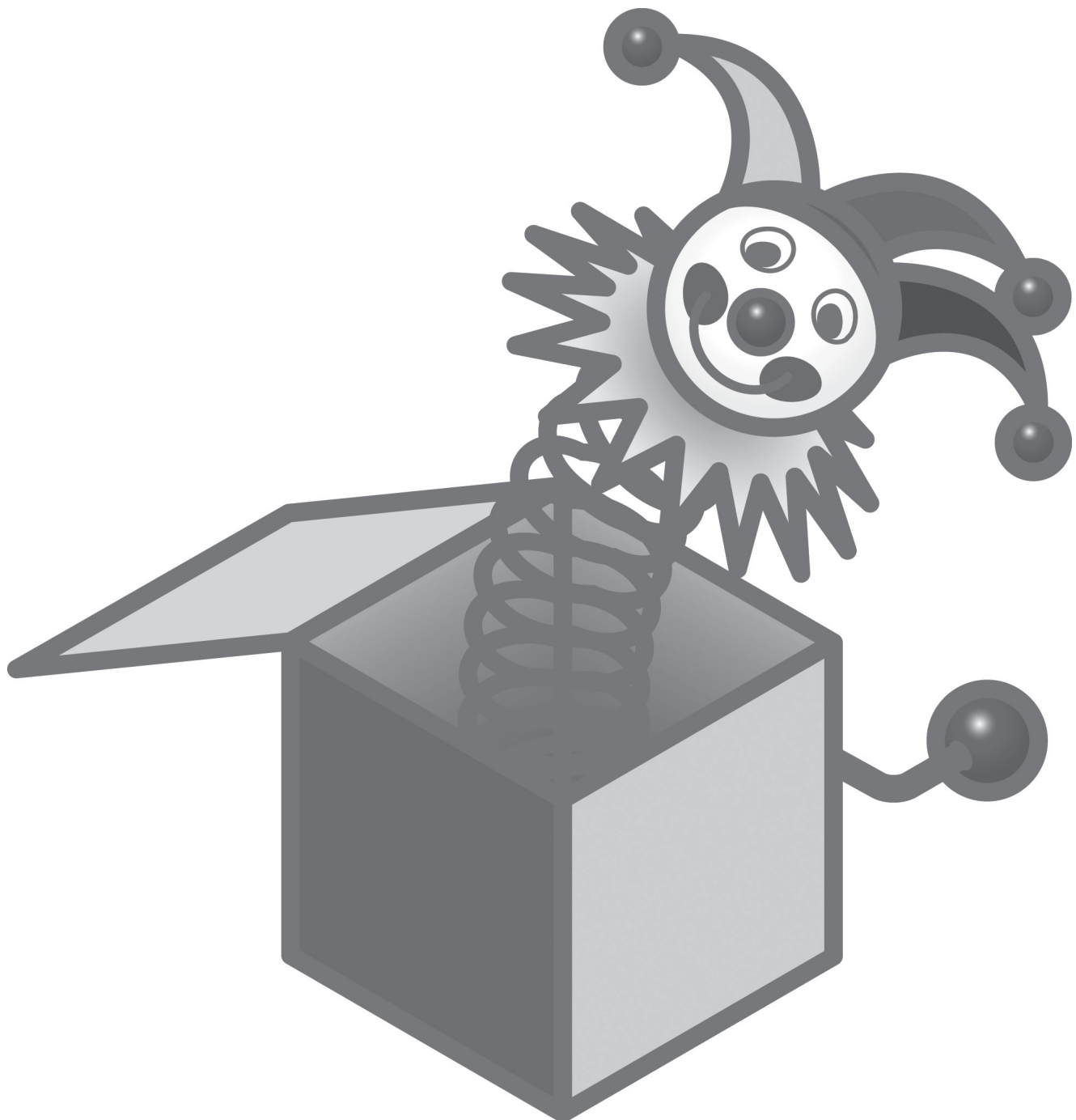
### A CATAPULT



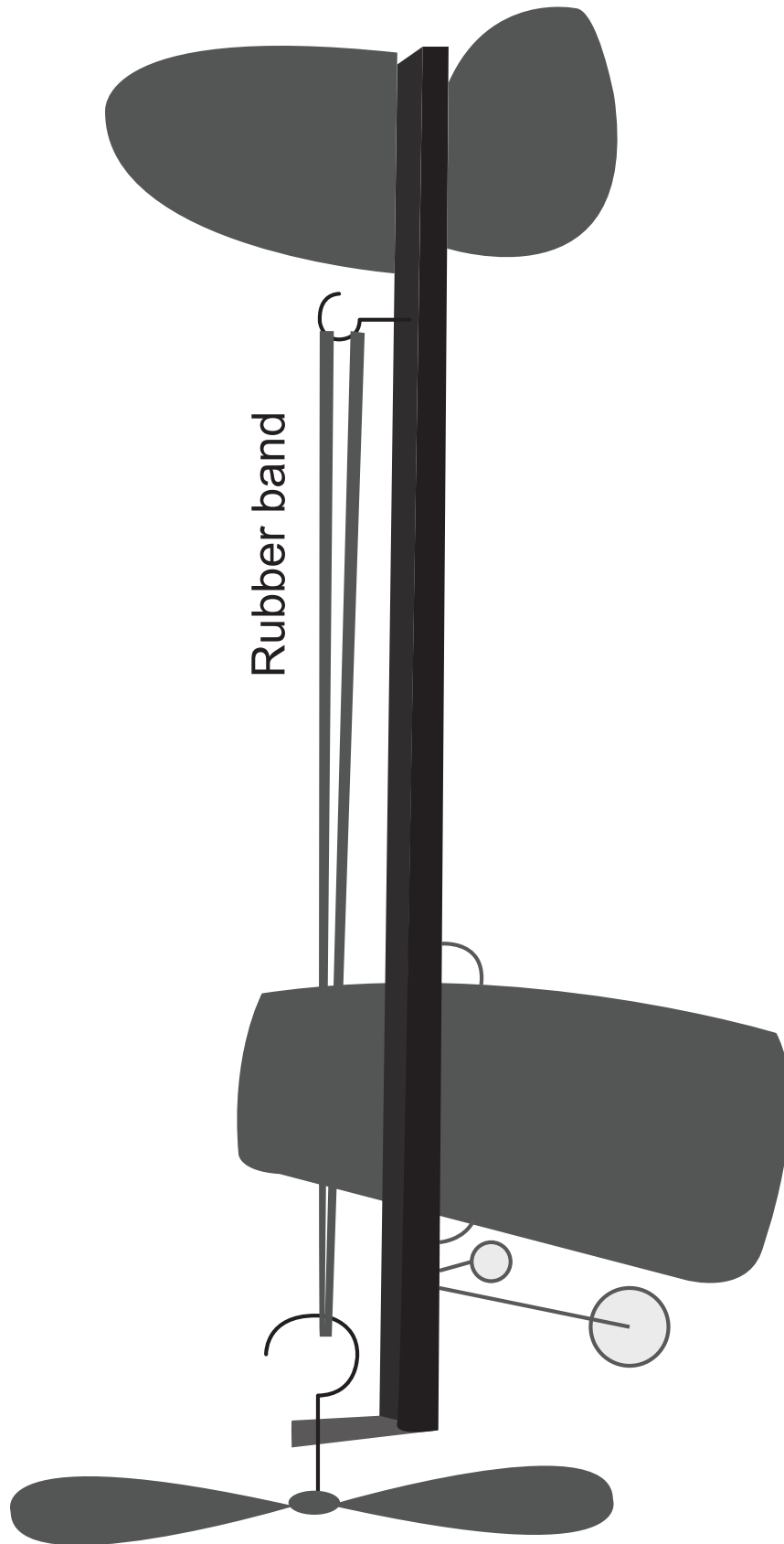
RESOURCE 28

Liew/Shutterstock

A JACK-IN-A-BOX



AN ELASTIC BAND POWERED AEROPLANE

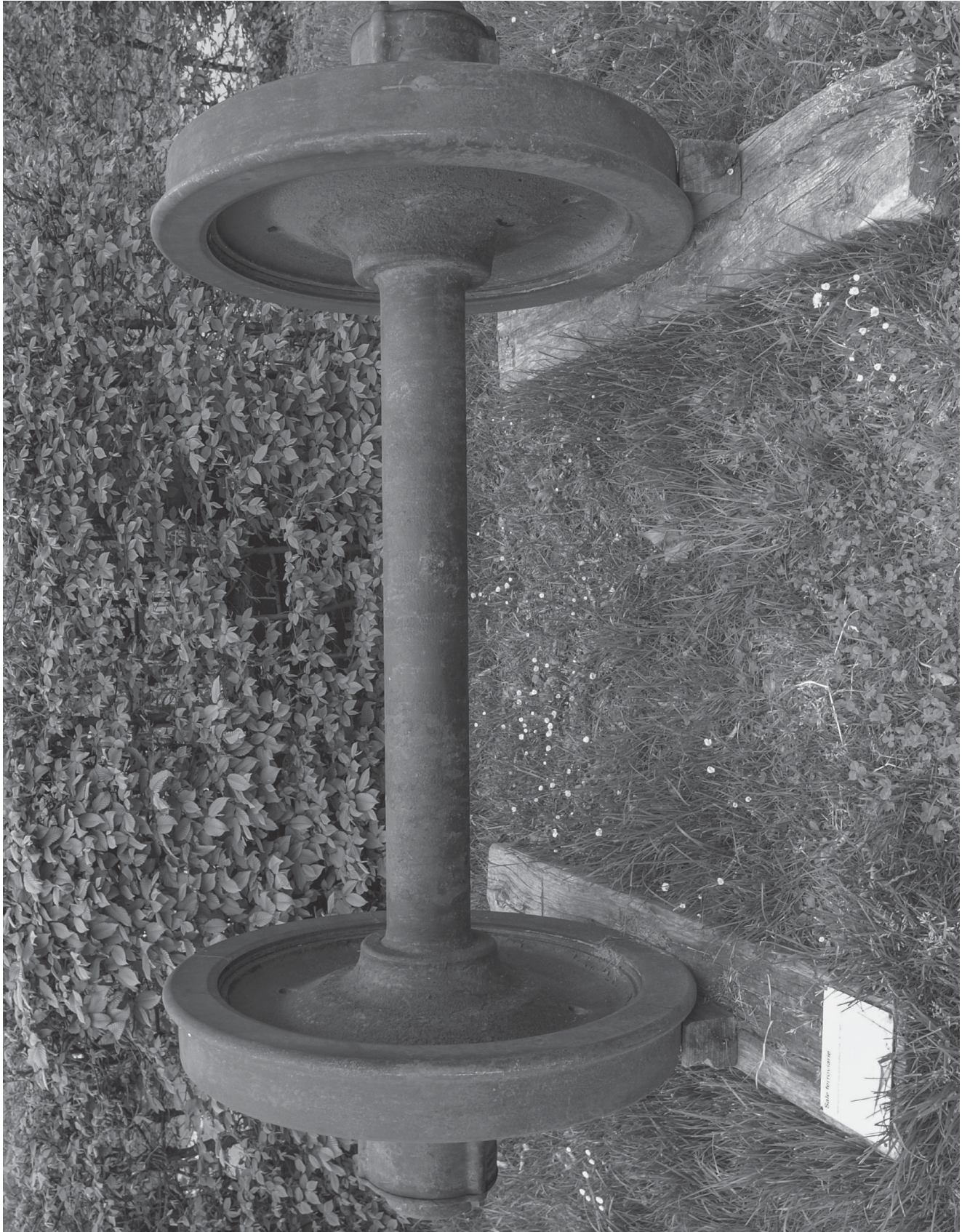




## RESOURCE 30

Divizia/Shutterstock

### TRAIN WHEELS AND AN AXLE





## RESOURCE 31

Morozoff/Shutterstock

### A WHEELBARROW





## RESOURCE 32

Kovalov/Shutterstock

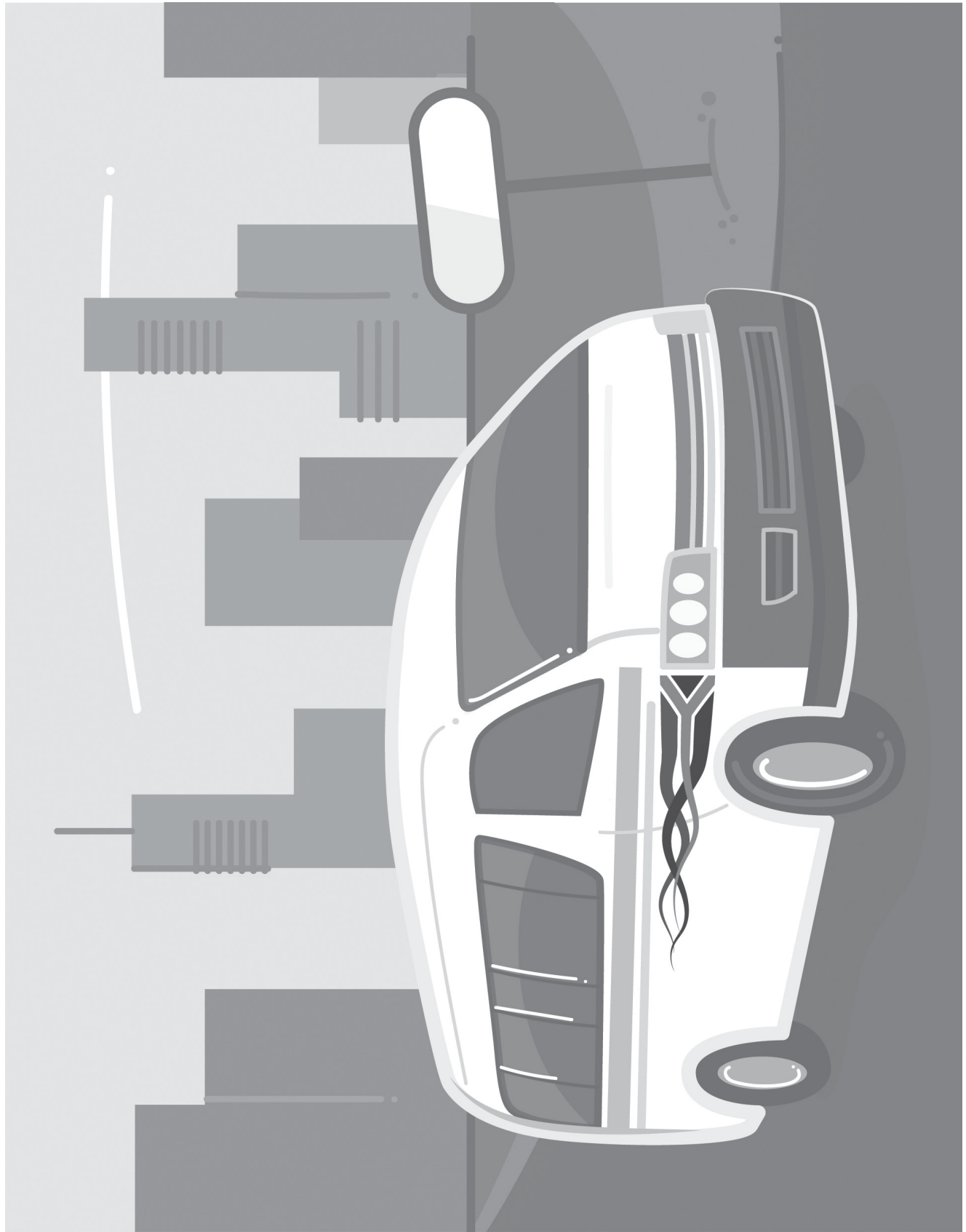
### A BICYCLE



## RESOURCE 33

AlwaysSonny/Shutterstock

### A TAXI





## RESOURCE 34

Znamenskiy/Shutterstock

### A DONKEY CART

