

A. Complete the crossword puzzle.

The crossword puzzle grid is composed of white squares for letters and empty spaces. The grid is roughly 10 squares wide and 10 squares high.

Clues and their corresponding grid positions:

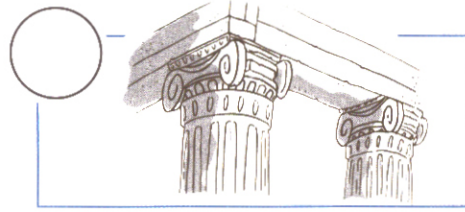
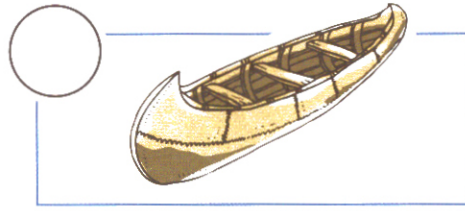
- Days are shorter; nights are longer.** (Across, 3 squares, starting at row 4, column 1)
- the shape of this hanger** (Across, 3 squares, starting at row 5, column 5)
- the shape of this phone** (Across, 7 squares, starting at row 6, column 1)
- Days are longer; nights are shorter.** (Across, 6 squares, starting at row 8, column 1)

Illustrations include: a thermometer showing a temperature around 10°C, a tree with a shadow cast to the left, a snowman, a hanger, a glass, and a smartphone.

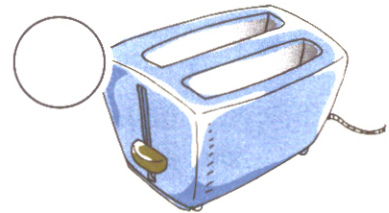
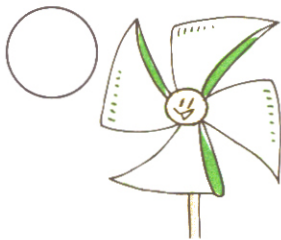
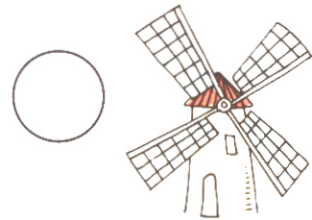
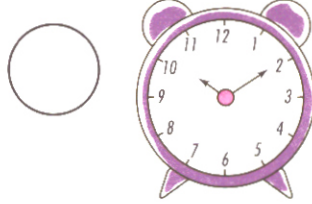
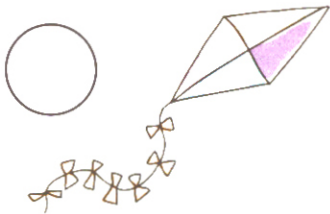
- temperature      glass      winter      rectangle  
 shadow      summer      triangle      feathers

**B. Check ✓ the correct answers.**

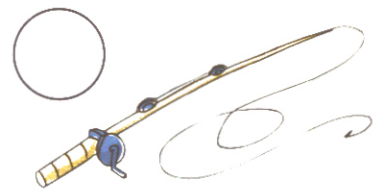
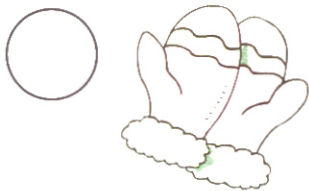
1. The structures found in nature:



2. Things that use wind as their energy source:



3. Things that you need for winter:



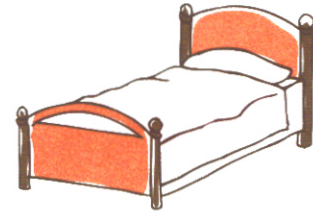
4. Materials that could be used to make a bed frame:

metal

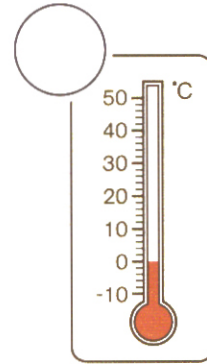
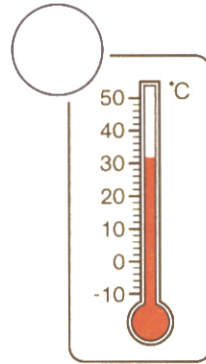
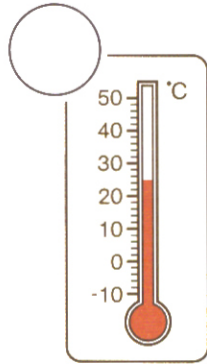
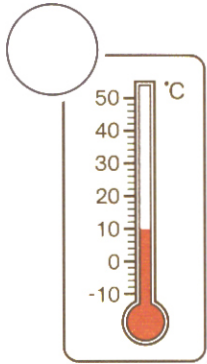
glass

clay

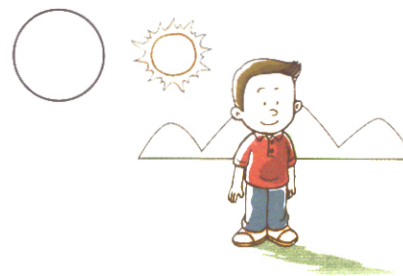
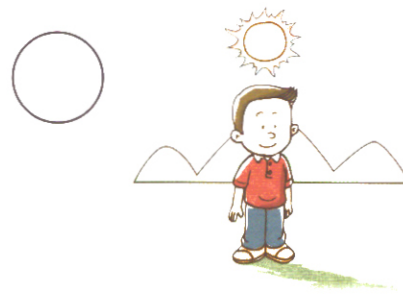
wood



5. Possible temperatures in summer:



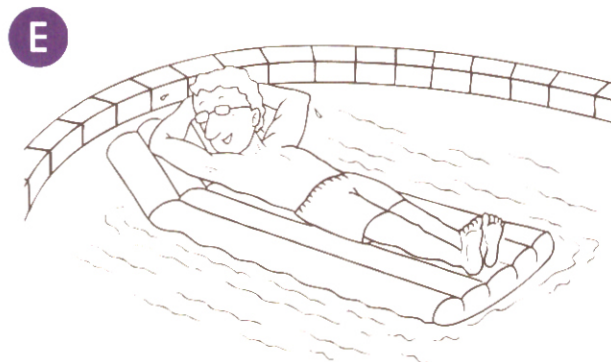
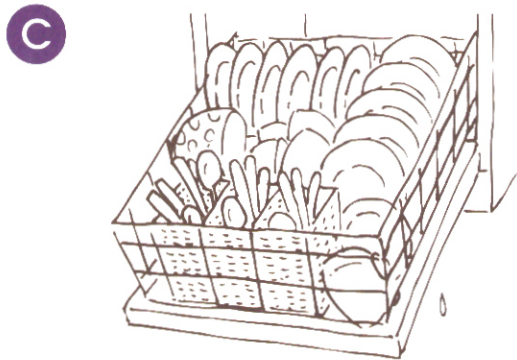
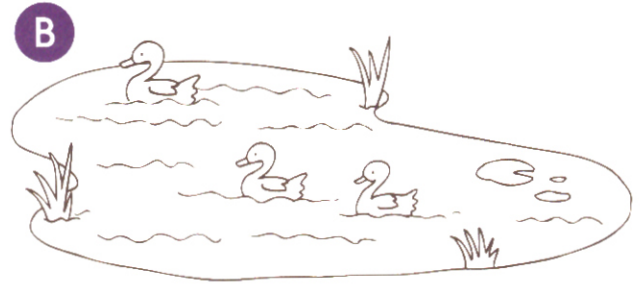
6. The pictures that show the correct shadows:





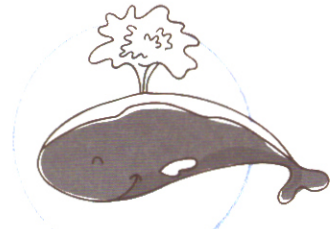
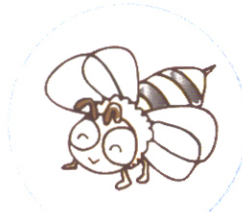
C. Moving water is very useful. Colour the pictures that show work being done by moving water. Then describe them.

- washing a car
- removing suds
- pushing a raft
- cleaning teeth





D. Draw lines with different coloured pencils to show the paths from the animals to their homes.



nest

hive

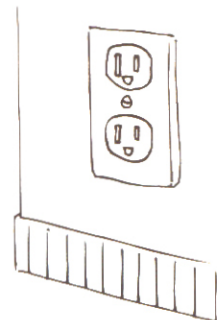
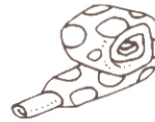
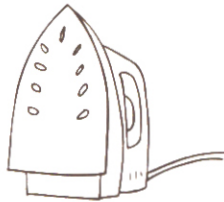
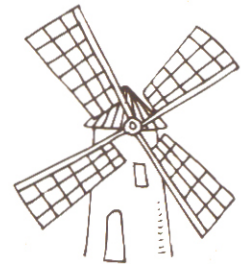
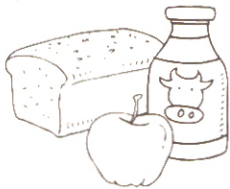
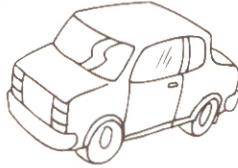
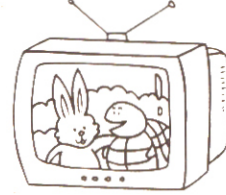
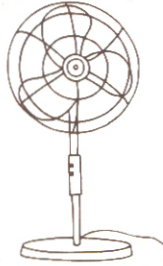
web

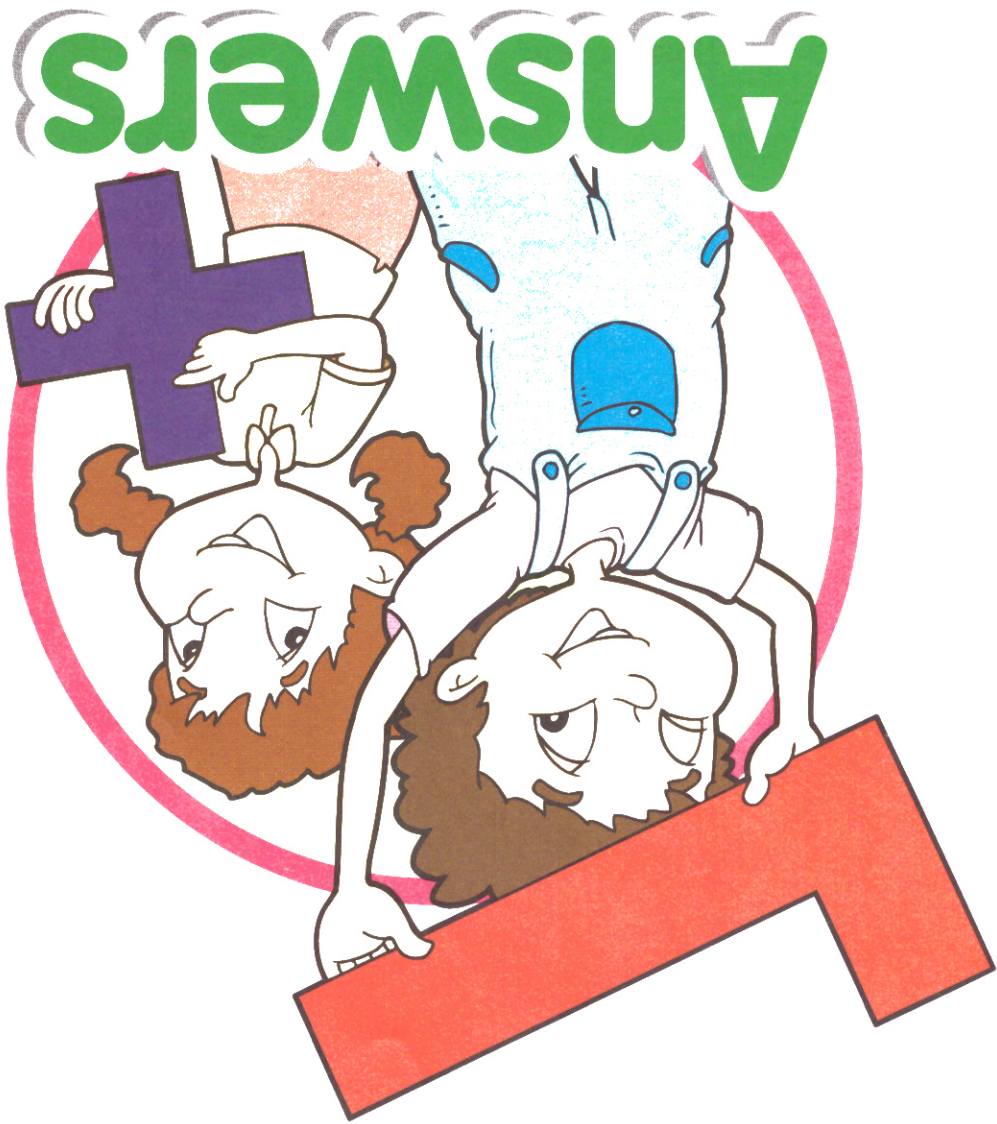
ocean

den

burrow

E. Colour the objects that use electricity or wind as their energy source to help Jason find the outlet.





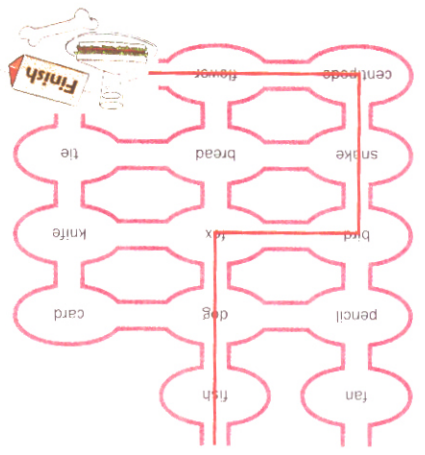




**1 The Five Senses**

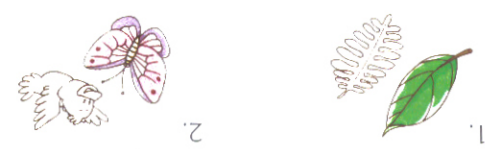
- A. 1. nose ; smell  
2. hands ; touch  
3. eyes ; see  
5. ears ; hear  
B. 1. smell  
3. hearing  
5. touch  
C. 1. sight, touch  
2. sight, hearing  
D. 1. protect ; B  
3. help ; A  
E. 1. ears  
3. breathe in
- Try this!
1. taste  
2. taste  
4. sight  
2. taste  
4. sight  
3. hearing  
5. touch  
1. sight, touch  
2. sight, hearing  
4. help ; D  
2. protect ; C

**2 Characteristics of Living Things**



A.

- B. 1. an animal ; (Individual drawing of an animal)  
2. a plant ; (Individual drawing of a plant)



C.



D.

air ; food ; water



**3 Staying Healthy**

- A. 1. B, F, J  
2. C, H  
3. A, D, I  
4. E, G
- B. 1. macaroni, brown rice, cereal, waffle  
2. broccoli, lettuce, pepper, pineapple  
3. cheese, yogurt, milk, soy beverage  
4. chicken breast, salmon, tofu
- C. (Individual drawing for each group)  
1. Milk and Alternatives  
2. Vegetables and Fruits  
3. Meat and Alternatives  
4. Grain Products
- D. Colour the following pictures.  
1. B  
2. B  
3. A

**Try this!**

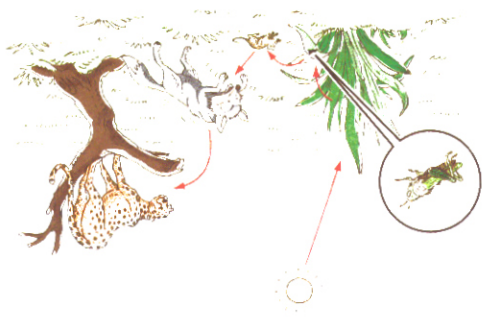
Activity

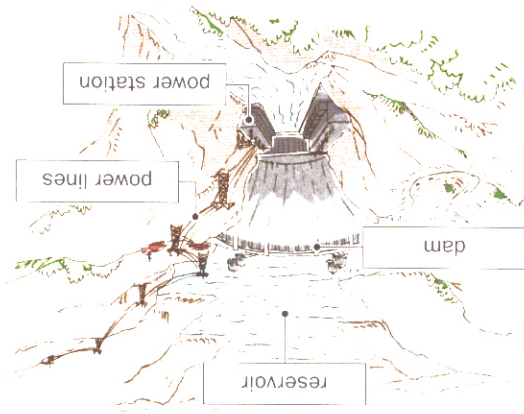
- E. 1. fly ; wings  
2. walk ; legs  
3. hop ; legs



**4 What Is Energy?**

- A. 1. sun ; plants ; animals  
2. sun  
3. plants  
4. animals  
5. energy





C. dam ; reservoir ; power station ; power lines

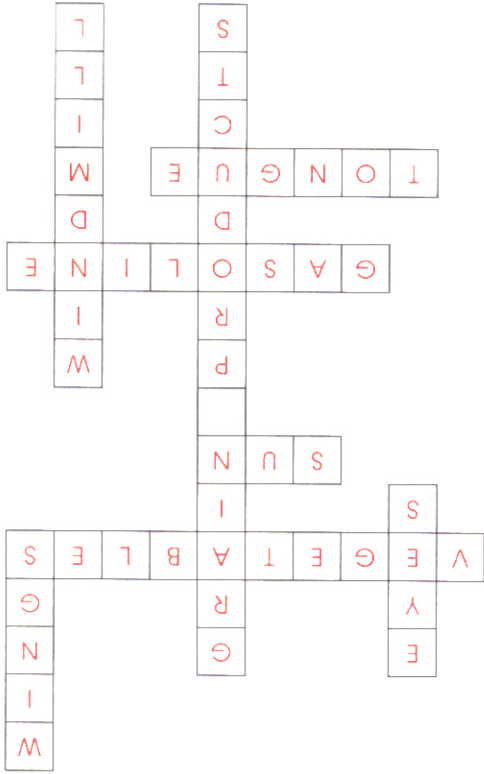
1. good
2. good
3. bad
4. bad
5. good
6. good

**Try this!**

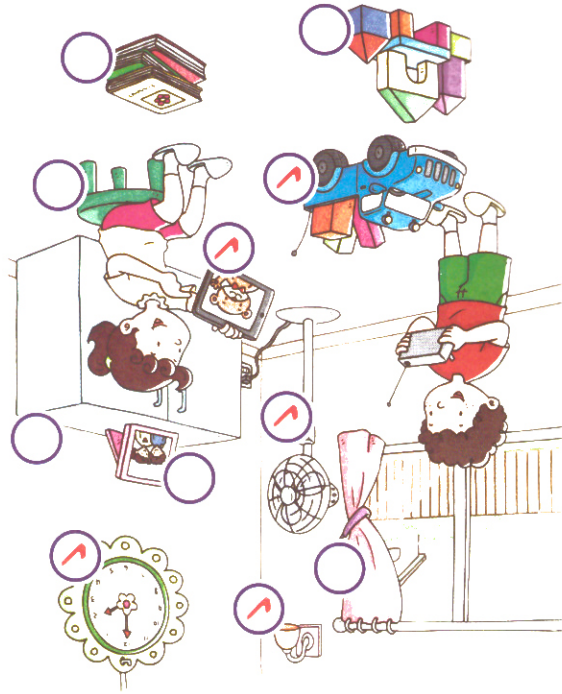
1. Water drips out of the hose.
2. Water sprints out of the hose.
3. Water jets out of the hose.

**Midway Review**

A.



2.



C.

1. Gasoline
2. Electricity
3. Muscle
4. Wind
5. Sun
6. Gasoline

**Try this!**

(Individual answers)

- 5 Energy from Wind and Moving Water**
- A. 1. Calm
  2. Gentle breeze
  3. Strong breeze
  4. Storm
  5. Colour the windmill.
  6. energy
  7. windmill
  8. shaft
1. Calm
  2. Gentle breeze
  3. Strong breeze
  4. Storm
  5. Colour the windmill.
  6. energy
  7. windmill
  8. shaft





- B.
1. A, B, C, E, F
  3. B, D, F
  5. B, C
  7. B
  8. A, B, E, F
  2. taste
  4. touch
  6. taste
- C.
1. sight
  3. smell
  5. hearing
  7. hearing

### 6 Saving Energy

- A.
1. petroleum ; ✓
  3. sun ; x
  1. A
  3. A
- B.
1. blinds
  3. fan
  5. sweaters
- C.
1. B
  3. A
- D.
1. B
  3. A
- Activity
1. gas ; ✓
  4. water ; x ; wind ; x
  2. B

### 7 Objects and Materials

- A.
- Metal: B, F, J  
Plastic: C, E, H, L  
Wood: A, D, G, K
- B.
- 1a. glass
  - 2a. cloth
  - 3a. metal
  - 4a. glass
  - 5a. wood
  - c. feathers
  - e. metal
- C.
1. shiny
  3. light
  5. rough
  7. dull
- D.
2. soft
  3. hard
  4. heavy
  5. shiny
- (Suggested answers)
1. wood, plastic, metal
  2. metal, plastic
  3. glass, plastic, clay, metal
  4. glass, plastic, clay, metal
  1. 3 ; 1 ; 2
  2. 1 ; 3 ; 2



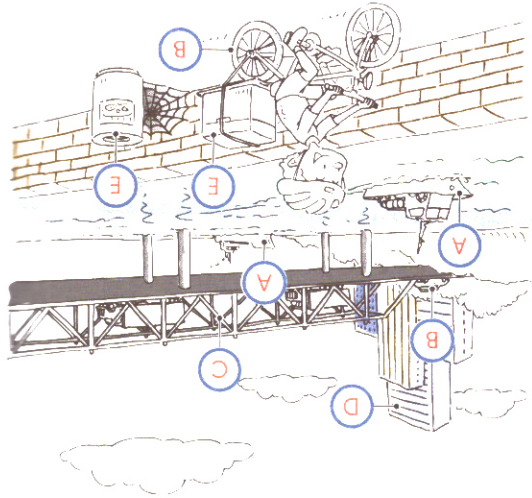
D. A. key  
C. mug  
E. bucket  
G. saw  
I. umbrella

B. hanger  
D. chair  
F. ladder  
H. scissors



### 8 Structures

- Trace the shapes.
- circle
  - rectangle
  - triangle
  - square
  - hexagon
  - pentagon
- (Individual drawing)



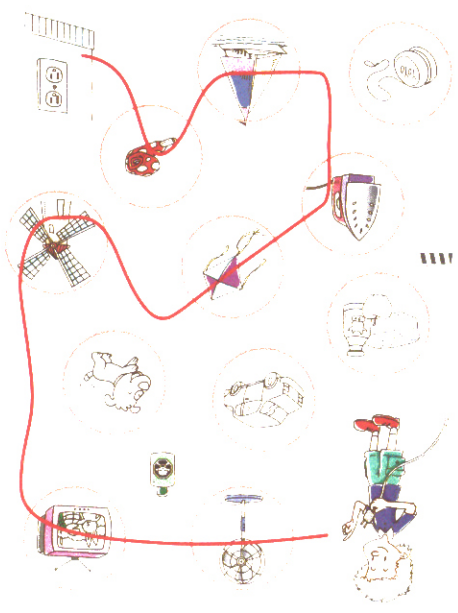
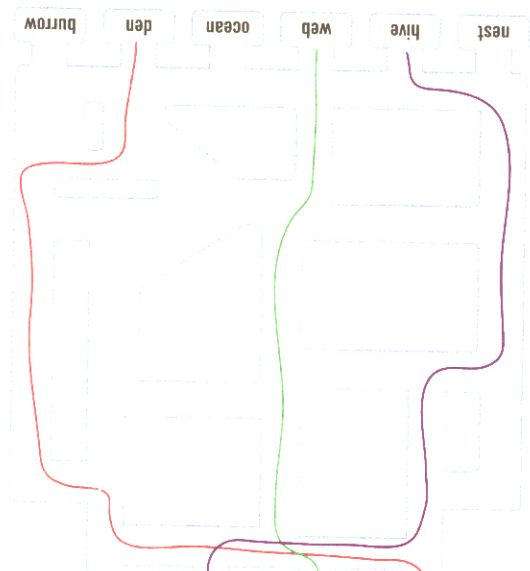
Try this!







- B.
1. A; C
  2. A; C; D
  3. A; B; D; F
  4. A; D
  5. B; C
  6. A; D
- C.
- Colour the following:
- A. washing a car
  - C. removing suds
  - D. cleaning teeth
  - F. pushing a raft
- D.



E.