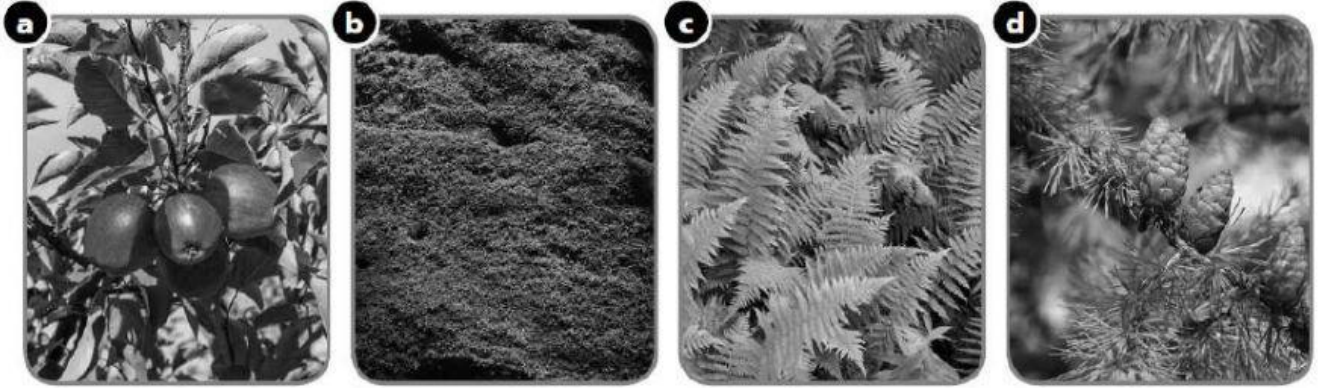


UNIT 4. PLANTS

① Label the pictures *angiosperm*, *gymnosperm* or *non-flowering plant*.



② Circle *True* or *False*.

a. A gymnosperm's seeds develop inside a fruit.

True / False

b. Moss reproduces using seeds.

True / False

c. Wind pollination involves wind blowing pollen from one plant to another.

True / False

d. The flowers on an angiosperm attract arachnids.

True / False

e. Ferns reproduce using spores.

True / False

③ Match to make true sentences about the importance of photosynthesis.

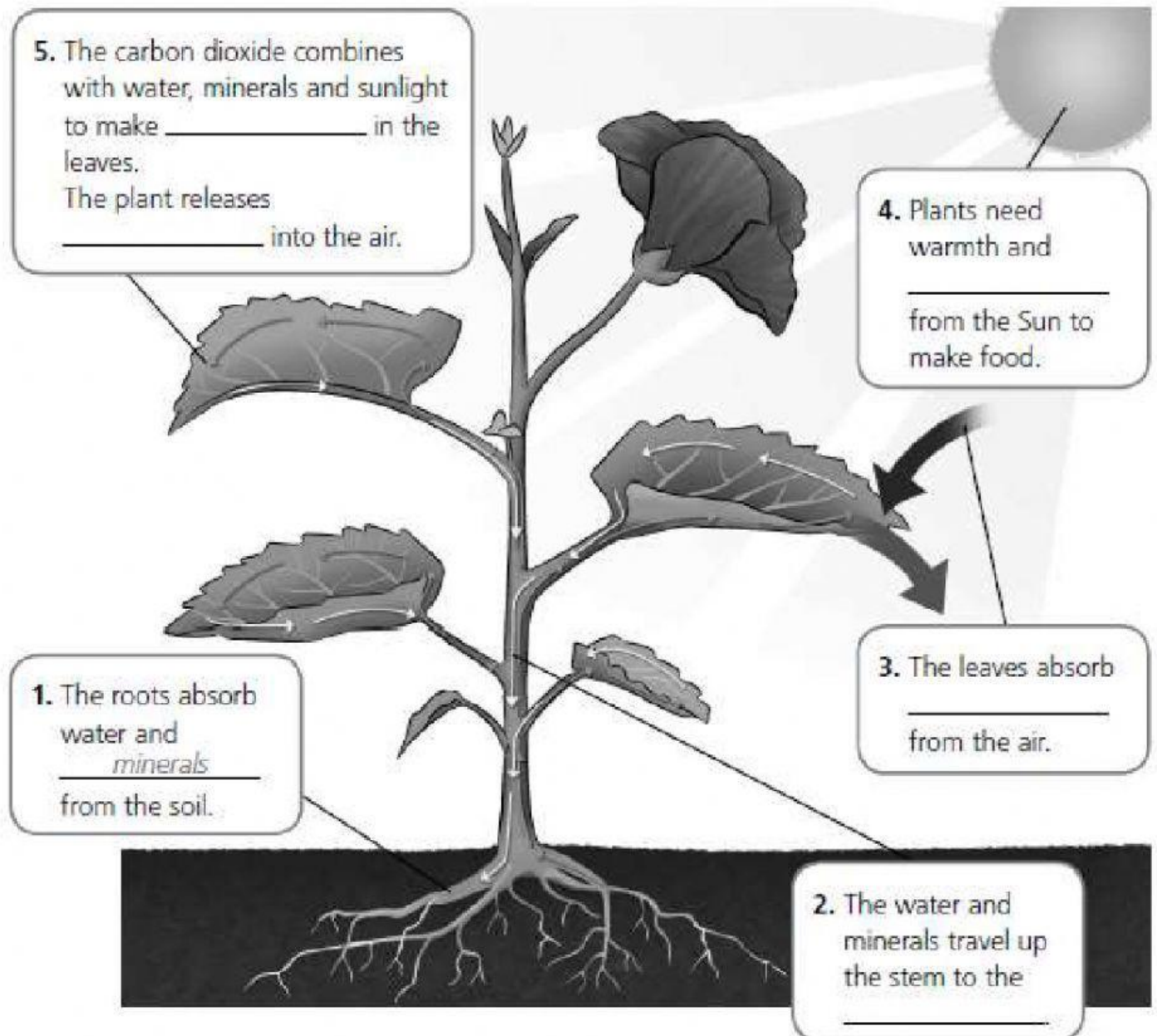
Photosynthesis provides us •

• carbon dioxide, which is harmful to most living things.

Photosynthesis consumes •

• with oxygen to breathe. This is why plants are the 'lungs' of the Earth.

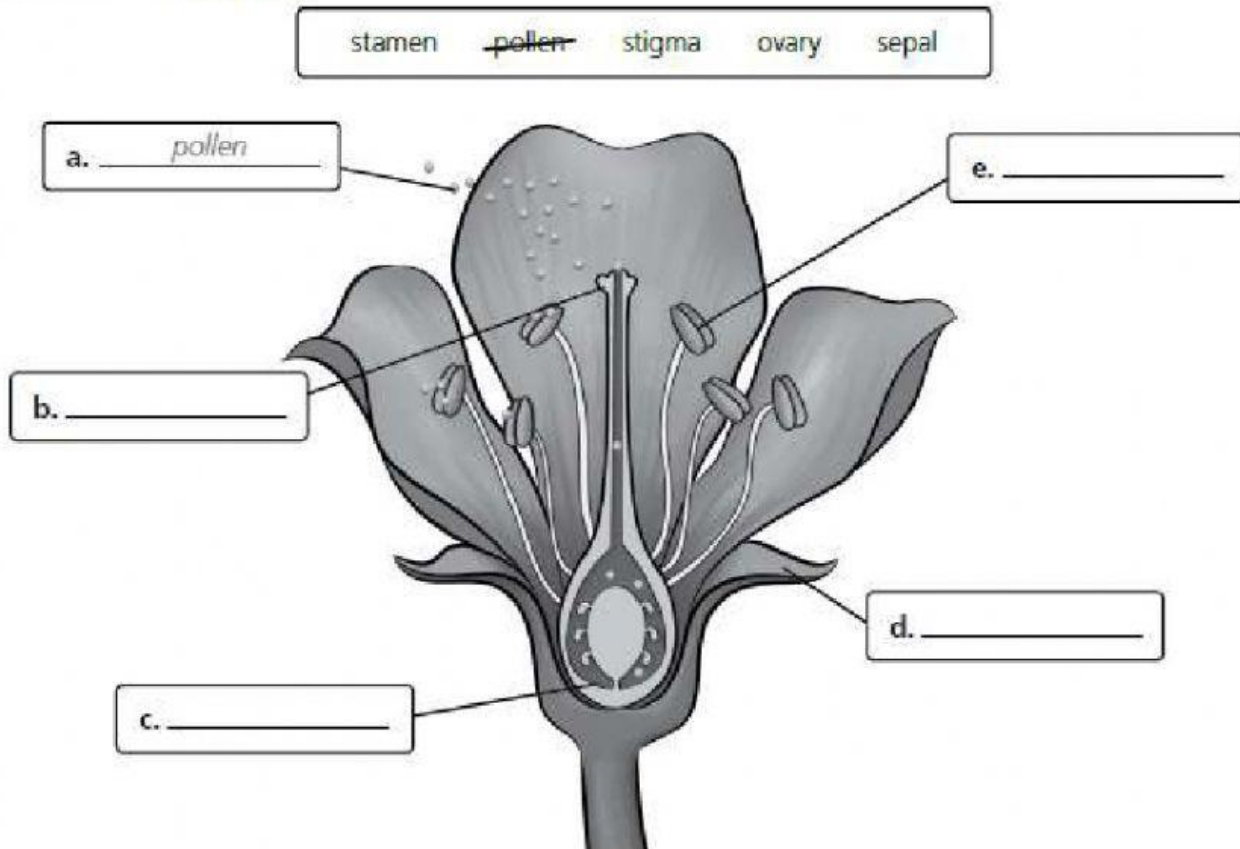
④ Complete the labels.



⑤ Circle the correct answers about plant nutrition.

- | | |
|---|---|
| a. How do plants get their energy? | <u>They make their own food</u> / They eat other plants |
| b. Where do they make their food? | In the stem / In the roots / In the leaves |
| c. What do we call this process? | Fertilisation / Photosynthesis / Pollination |
| d. What do plants absorb from the air? | Oxygen / Carbon dioxide / Minerals |
| e. What else do plants need for this process? | Sunlight / Darkness / Moisture |
| f. What do plants release into the air? | Oxygen / Carbon dioxide / Water |

⑥ Label the diagram.



⑦ Complete the sentences about plant reproduction.

spores stolons ~~fruit~~ cones flowering roots seeds flowers

- In angiosperms, pollinated flowers produce fruit with _____ inside.
- Gymnosperms have very small _____ but they do not produce any fruit. Their seeds develop inside _____.
- Non-flowering plants reproduce asexually using _____, which grow inside a spore case or capsule.
- Some _____ plants also use asexual reproduction. They grow special horizontal stems called _____, which grow new _____ when they reach the ground.

⑧ Use the words in the boxes to complete the definitions..

the transfer of pollen

joins with an ovule.

from the stamen

when pollen

to the stigma of another plant.

- Pollination is _____.
- Fertilisation is _____.