



Name \_\_\_\_\_ Grade IV Roll no. \_\_\_\_\_ Date \_\_\_\_\_

1 Match the way seeds and fruit are spread to the description of the seed. [2]

- |              |  |
|--------------|--|
| By water     | seed has spines and hooks                    |
| By air       | seed pods dry out and burst open             |
| By animals   | fruit is heavy and drops to the ground       |
| By gravity   | seed has spongy covering that helps it float |
| By explosion | seed is very light with thin, papery wings   |

2 Answer the following questions- [4]

a Which planet has the shortest day?

.....

b Which planet has the longest day?

.....

c How much time does Mercury take to complete one revolution?

.....

d At what degree the Earth is tilted?

.....

3 Which of the following statements are true- [2]

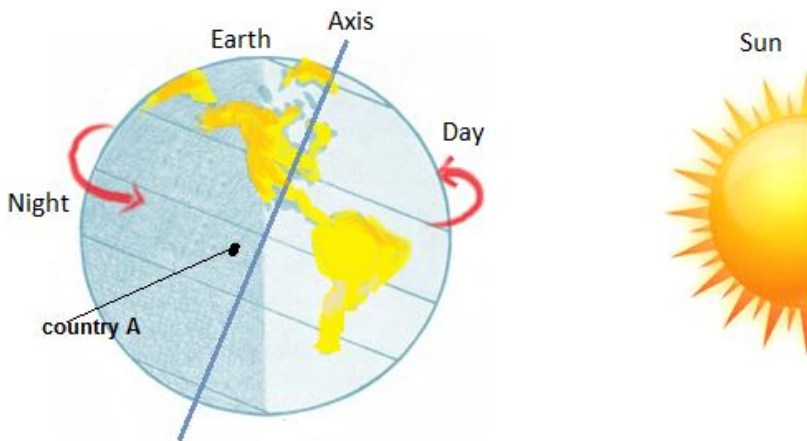
The sun rises in the north. [ ]

The earth spins on an imaginary line known as axis. [ ]

Matter occupies space. [ ]

Chlorophyll is found in roots. [ ]

4 Below is the diagram of earth rotating on its axis.



a In which direction the Earth spins? [1]

.....

b What country A will soon experience? [1]

.....

c What will happen if the Earth will stop rotating? [2]

.....

.....

d Why the earth is shown a little tilted in the above picture? [2]

.....

.....

5 Look at the pictures given below. Write down which type of seed dispersal will take place in the following. [1]



\_\_\_\_\_

\_\_\_\_\_



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1 Answer the following questions- [3]

a Name the brightest planet.

.....

b The ovaries turns into.....

c Opposite of evaporation is .....

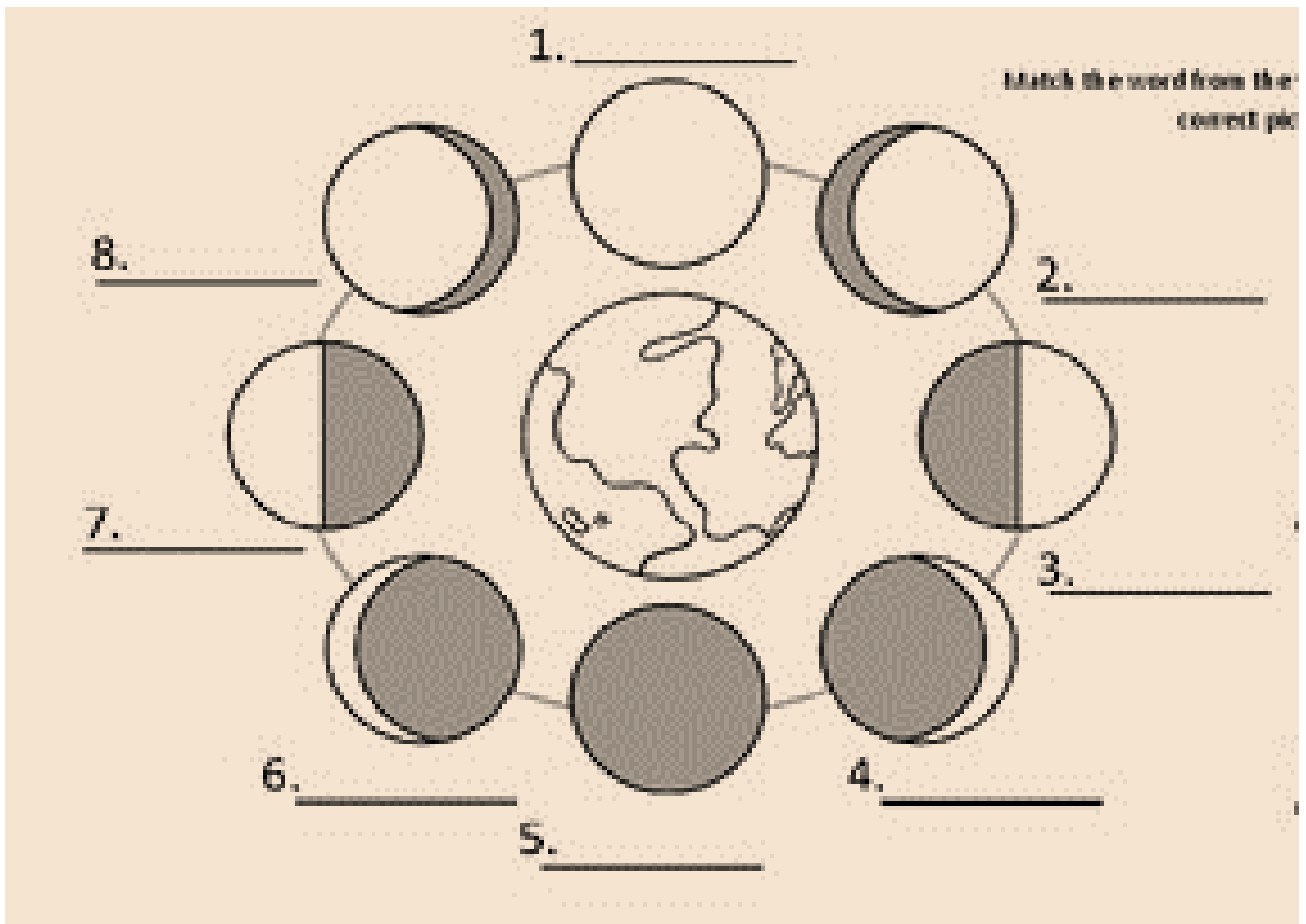
d Give one example of seed dispersal by water.

.....

e Earth takes ..... days to complete one revolution.

f Light intensity of sunrise is .....

2 Fill in the blanks in the diagram given- [4]



3 What do we call the spreading of seeds away from the parent plant?

[1] .....  
.....

4 Name which type of seed dispersal is taking place in the following pictures and explain it. [2+2]



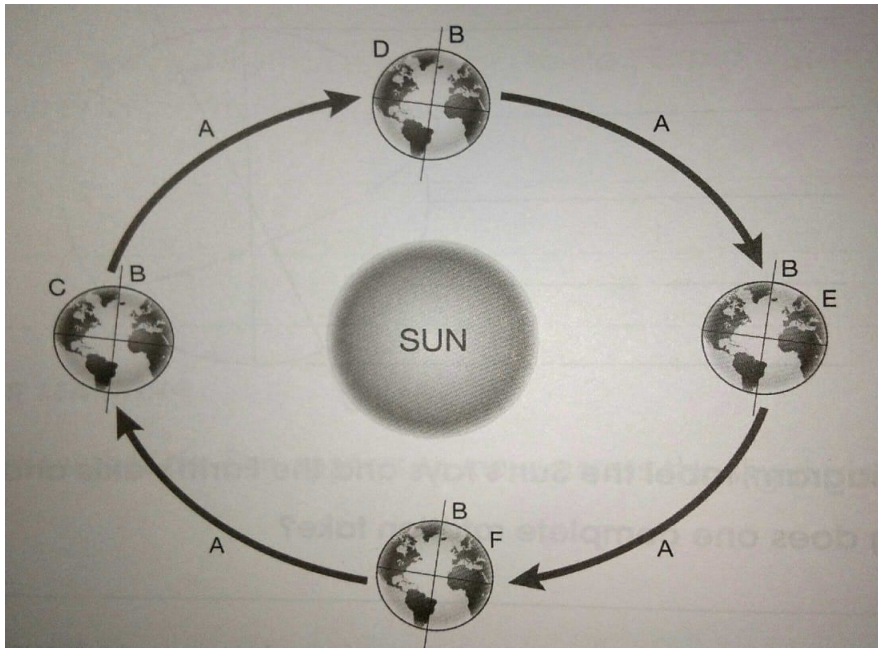
A - .....  
.....  
.....  
.....

B - .....  
.....  
.....  
.....

5 Explain how does wind affects the rate of evaporation. [1]

.....  
.....  
.....

6 Look at the diagram of earth. It shows earth in one of its positions as it revolves around the sun.



**a** Name the path (A) Earth takes when it revolves around the Sun. [1]

.....

**b** What is one complete movement of Earth around the sun called? [1]

.....

**c** What are the imaginary lines labelled B called? [1]

.....