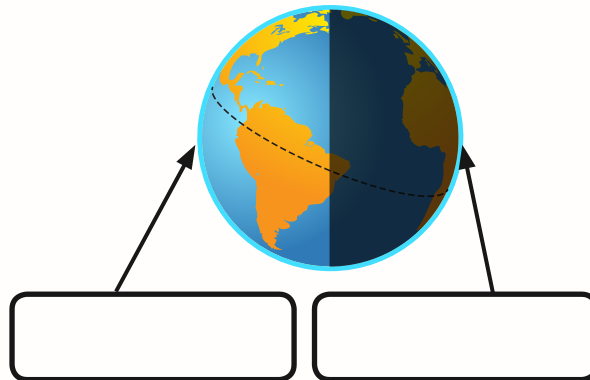


5 Day, night, summer, winter



Complete the following:

- a Write **day** and **night** in the correct boxes on the diagram above.
- b Which of the following best explains why we have day and night? Tick **one** box.

The Earth orbits the Sun.

☐

The Sun moves across the sky during the day.

☐

The Earth makes a complete rotation on its axis every 24 hours.

☐

The Earth orbits around the Moon.

☐

- c Write **Earth** and **Sun** in the sentence below to explain why there is a different amount of daylight hours in summer and winter.

The tilts towards the in
summer and so there is more daylight.

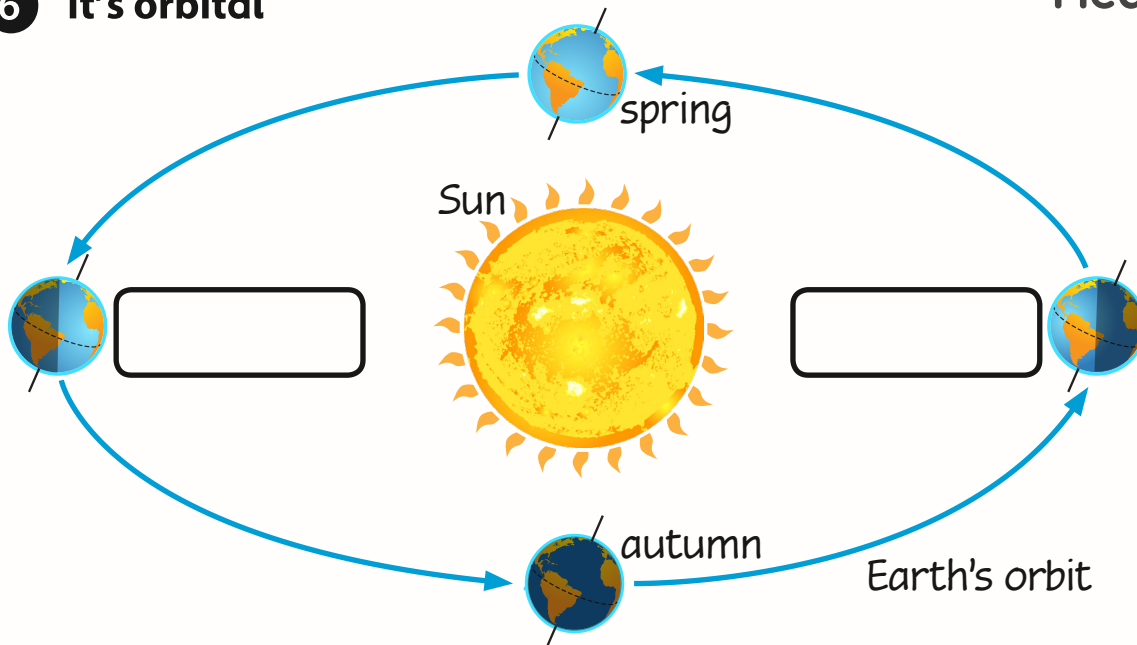
1 mark

1 mark

1 mark

Page Total

6 It's orbital



Complete the following:

- a The diagram shows the seasons in the Northern Hemisphere. Complete the diagram by writing **summer** and **winter** in the correct boxes.
- b How long does it take for the Earth to orbit the Sun?
Circle your answer.

approximately
7 days

approximately
365 days

approximately
1 day

Write **true** or **false** next to the statements below:

- c At the same time as the Earth is orbiting the Sun, it is rotating on its axis.
- d The Earth stops rotating once every 24 hours.

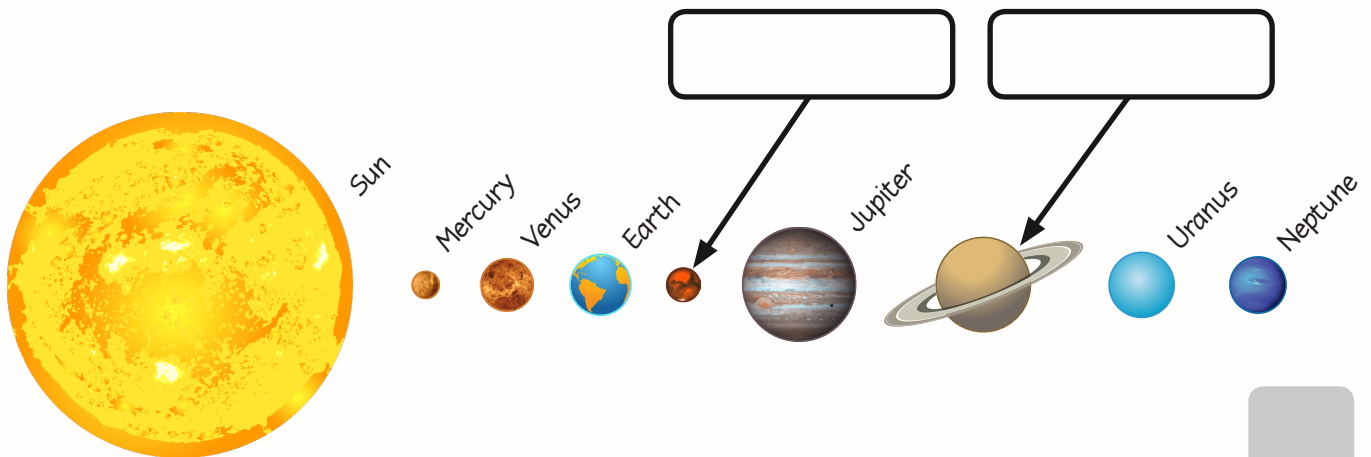
1 mark

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Page Total

7 What's in the system?



The solar system consists of the Sun, the planets and their moons.

Complete the following:

a In the diagram above, label the missing planets.

2 marks

b Circle the correct words in the sentence below:

The Sun is a **planet / star / asteroid** at the **edge / left / centre** of our solar system.

2 marks

Write **true** or **false** next to the statements below:

c The Earth is the only planet in the solar system to have a moon.

.....

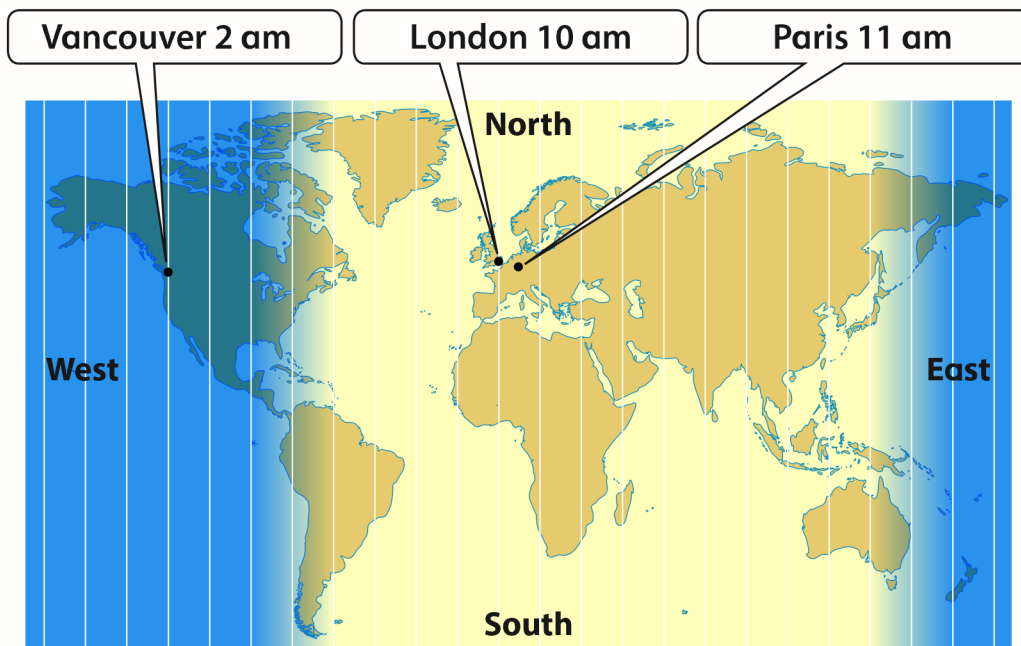
d It is safe to look at the Sun if you are wearing sunglasses.

.....

1 mark

Page Total

8 Day dawns!



The map above shows that it is daytime in some parts of the world when it is night-time in other parts.

Complete the following:

- a In which city does daylight appear first? Circle your answer.

Vancouver

London

Paris

1 mark

- b Which sentence below best describes what is happening to the Earth to make day and night? Tick **one** box.

The Earth makes one complete rotation on its axis every year.

☐

The Earth makes one complete orbit of the Sun every 24 hours.

☐

The Earth makes one complete rotation on its axis every 24 hours.

☐

1 mark

Page Total

9 The time it takes



The closer a planet is to the Sun, the less time it takes to orbit.
We refer to the time it takes a planet to orbit the Sun as a 'year'.

- a** Which of the following planets has the shortest 'year'?
Circle your answer.

Earth

Mercury

Jupiter

- b** Explain your answer to **a**.

.....
.....

Complete the following:

- c** What am I?
I am a spherical body.
I orbit the Earth once in approximately 28 days.

.....

- d** What am I?
I am a planet in the solar system.
I have the longest year of any planet in the solar system.

.....

1 mark

1 mark

1 mark

1 mark

Page Total

Test Total

/28