

0	1
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 .

1

Complete the following equation for photosynthesis.

Carbon dioxide + Water → Glucose + **[1 mark]**

0	1
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 .

2

Describe the route by which the carbon dioxide and water enter the leaf for a plant living on land.

Carbon dioxide _____

Water _____

[4 marks]

0	1
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 .

3

Plant leaves have palisade cells. Palisade cells contain special structures called chloroplasts. Explain how chloroplasts assist with the process of photosynthesis.

[2 marks]

0	1
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 .

4

Glucose is a product of photosynthesis. Give 3 uses of glucose by plants.

1. _____

2. _____

3. _____

[3 marks]