**The National Orthodox School / Shmaisani**

**Subject: Biology Worksheet : chlorophyll**

**Name:**

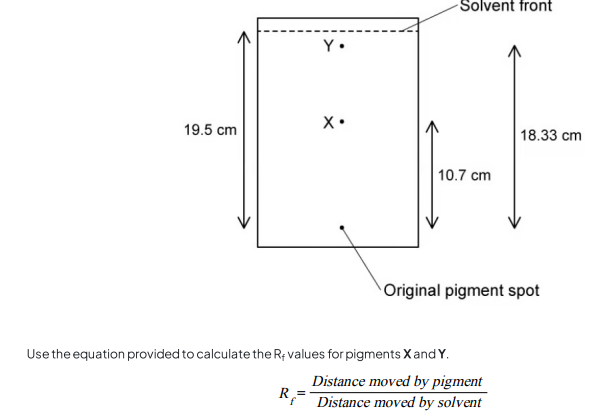
**Date:** **Grade 9 IB**

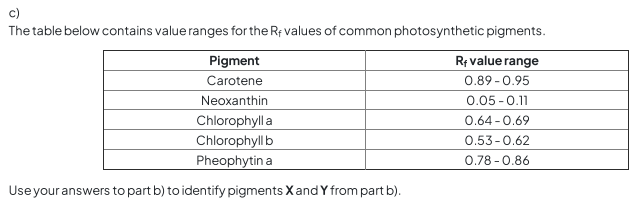
**Question 1**

1. Chloroplasts contain various photosynthetic pigments. State the role of a photosynthetic pigment.

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1. b) The pigments in a chloroplast can be separated and identified using a technique called thin layer chromatography. After extracting pigments from a spinach leaf a student carried out thin layer chromatography Some of their results can be seen below.

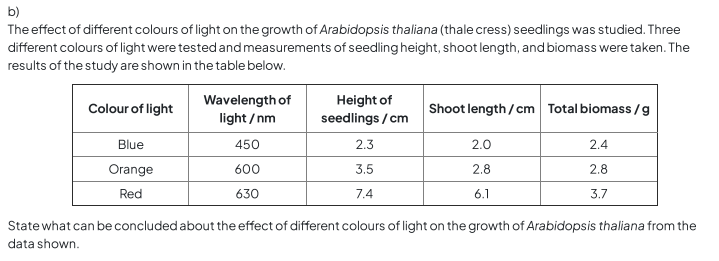


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**Question 2**

1. State why the majority of plants look green to human eyes.

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