

Sample International Benchmark Test Questions

Class 8 Science

1. This is a picture of a sunflower plant.



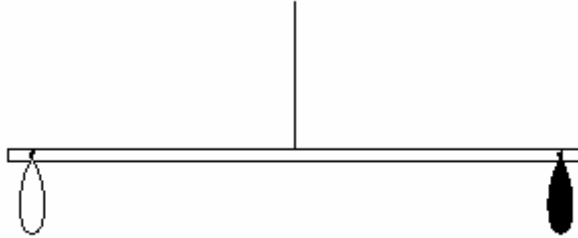
In which part of this sunflower plant does most photosynthesis occur?

- A the roots
 - B the stem
 - C the leaves
 - D the flowers
2. Majida trimmed the bottom off two sticks of celery and placed them in a glass of water that had been coloured with red ink. Sometime later, she noticed that the red colour had moved up the celery stem and the veins in some of the leaves were red.

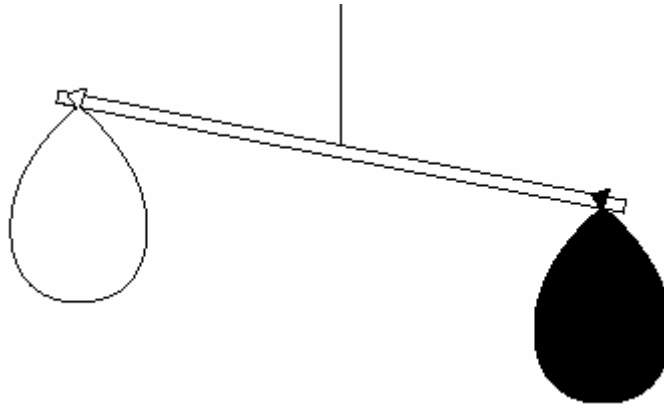
What was the purpose of Majida's experiment?

- A to see how a plant's roots help it to absorb water
- B to see how much water a plant needs
- C to see if water moves up the stem of a plant
- D to see if red ink affects the movement of water in a plant

3. Jameela tied two balloons to each end of a stick so the stick hung exactly level. She filled the white balloon with air and the black balloon with a gas called argon.



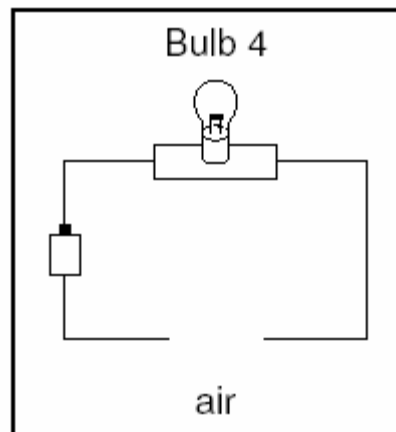
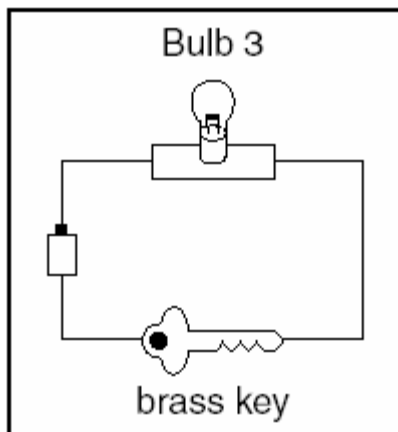
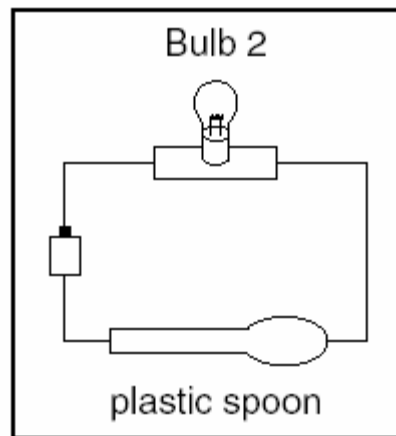
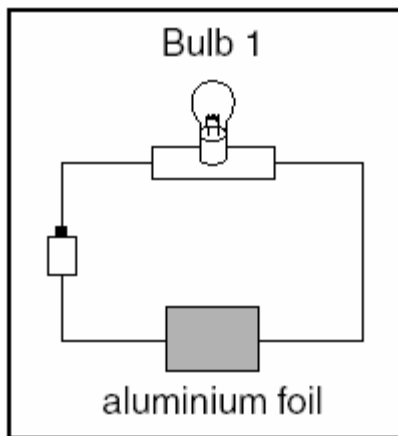
The balloons were the same size when they were blown up. The picture shows what happened.



What can Jameela conclude from this result?

- A** Argon gas is heavier than air.
- B** The white balloon is lighter when it has air in it.
- C** A black balloon is heavier than a white balloon.
- D** The mass of air in a balloon cannot be measured accurately.

4. The following diagram shows a battery and a bulb connected by wires to various materials



Which of the bulbs will light?

- A 1 only
- B 1 and 3 only
- C 1, 3 and 4 only
- D 1, 2 and 3 only

Answers 1. C 2.C 3. A 4. B