

Respiration and photosynthesis

- 1) Select the correct option
- a) Photosynthesis is a process by which plants produce sugar and oxygen from:
 - 1) Biomass and glucose
 - 2) Water and carbon dioxide
 - 3) Minerals and carbon dioxide
 - b) Water and minerals are transported through carrying tubes that are located in _____
 - 1) The roots
 - 2) The stem and branches
 - 3) The flowers
 - c) _____ is a synonym for carrying tubes
 - 1) Stomata
 - 2) Starch
 - 3) Xylem vessel
 - d) This pigment traps light energy from the sun
 - 1) Chloroplast
 - 2) Chlorophyll
 - 3) Vacuole

2) What is respiration?

3) In which parts of the plant does respiration take place?

4) Complete the equation:



5) Is the respiration equation similar to the photosynthesis equation? Why?


