

- 9** A student wrote some statements about the palisade mesophyll and spongy mesophyll tissues.
- 1 The spongy mesophyll tissue is near the stomata for gas exchange.
 - 2 Only palisade mesophyll cells have chloroplasts for photosynthesis.
 - 3 Palisade cells are closely packed but there are air spaces in the spongy mesophyll tissue.

Which statements are correct descriptions of the two tissues?

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

- 8** Which descriptions of adaptations for photosynthesis are correct for spongy mesophyll tissue?

	air spaces for efficient gas exchange	long, rectangular cells to absorb light
A	yes	yes
B	yes	no
C	no	yes
D	no	no