

## Flower diagram worksheet answers

1 d

2 i

3 h

4 e

5 b

6 f

7 c

8 a

9 g

Label parts of the flower – see class notes for the diagram

## Textbook review question answers

Pg.545

1 A

2 B 3

C

7 C

11 The cell walls of fungi are similar to the exoskeletons of insects because they both contain chitin 12 Hyphae are tiny filaments that are only one cell thick, whereas mycelium is a thick mass composed of many hyphae tangled together

Pg.575

1 B

5 D

6 B

7 A

8 D

9 C

10 C

15 Bryophytes depend upon the presence of water to complete their life cycle, because the only way the sperm can reach the egg is to swim through standing water or dew

18 The evolution of lignin made the cell walls of plants rigid. This enabled plants to grow upright and reach great heights.

22 Features of conifers that suggest they evolved to live in dry habitats include long, thin needles to reduce the surface area of their leaves and the leaves have waxy outer covering

24 Fruits attract and are eaten by animals that spread the seeds enclosed in the fruits widely, increasing the ranges that the angiosperms inhabit

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1 E

3 C

4 B