



Figure 43 Sexual reproduction of moss

Memory Check

1. Explain this statement in your own words: "Reproduction ensures the survival of species."
2. a) What is asexual reproduction?
b) What is sexual reproduction?
3. Why do forms of reproduction differ from one plant species to another?
4. Name a plant species that can reproduce by:
 - a) its leaves
 - b) its stems
 - c) its roots
5. Describe the cycle of sexual reproduction of:
 - a) flowering plants
 - b) conifers
 - c) ferns, mosses and algae
6. a) What is the difference between a seed and a spore?
b) What is the difference between a gamete and a zygote?
7. a) Why is it important for seeds and spores to be carried far from their parent plant?
b) Name at least four agents of seed and spore dispersal.
8. What will happen if you plant pollen in the ground and water it regularly? Explain your answer.
9. The beech tree produces small green flowers. Which do you think is the main pollination agent of the beech tree: the wind or insects?

