

16 Reproduction and flowers – Part 1

—Answers

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Work through these after trying the questions yourself.

16.1 One.

16.2 They get a mix of genes from two parents.

16.3 The joining (fusion) of the nuclei of two gametes.

16.4 The stamen (male) and the carpel (female).

16.5 The transfer of pollen from an anther to a stigma.

16.6 Asexual reproduction. There is only **one** parent and no joining of gametes, so the offspring are **genetically identical** (clones) to the parent —there is no variation.