

If one of these F_1 heterozygote plants self-fertilizes what type of offspring will be produced?

- A All offspring will be white-flowered.
- B Half the offspring will be white-flowered and half will be purple-flowered.
- C Three quarters of the offspring will be purple-flowered and one quarter will be white-flowered.
- D All offspring will be purple-flowered.

There will be a 3:1 ratio of purple-flowered to white-flowered plants.
Answer **C**.