

Pruning

Chapter 4

Answers to review questions

- 1) list three or four reasons why you would want to prune your plants.
 - To maintain plant health (*pp.* 81, 83--84)
 - To improve the quality of flowers, fruit, foliage, and stems (*pp.* 81, 84)
 - To restrict growth (*pp.* 81, 84)
 - To train a plant (*pp.* 81, 83)
- 2) Unsanitary pruning tools can spread disease organisms from diseased plants to healthy plants. How can you prevent this problem?
By sterilizing your pruning tools with alcohol or a mild bleach solution after each cut (*pp.* 83--84)
- 3 .. Briefly describe the two types of pruning cuts and the purpose of each.
 - *Heading cuts* involve cutting off part of a shoot or limb. They increase the number of new shoots, stimulate new growth, and stiffen branches (*pp.* 85--86).
 - *Thinning cuts* remove undesired wood, resulting in a more open plant (*p.* 86).
- 4) Mr. Smith is anxious to remove a 2.5"-diameter branch from his oak tree. He plans to use a chain saw and make one cut on the branch, flush with the trunk. What are the potential problems with his plan?
 - A chain saw is not a proper tool for pruning (*p.* 85).
 - When pruning a branch greater than 1.5" in diameter, he needs to make three cuts (*p.* 87).
 - The final cut should be flush with the branch collar, *not* the trunk (*p.* 87).
- 5) What is one of the most important factors to consider when pruning a flowering tree or shrub?
The time of year to prune, based on whether the plant flowers on old wood or new wood (*p.* 97)
- 6) Should all fruit trees be pruned the same, regardless of the kind of tree (e.g., apple vs. peach)?
No, different kinds of fruit trees require different pruning techniques (*pp.* 89-96).

. Home Orchards

Chapter 10

Answers to review questions

- 1 .. In what kind of soil do tree fruits grow best? (Mark the one best answer.) (c) Well-drained, deep soils (*p.* 207)
- 2) Name the two most common scab-resistant apples ..
Chenango and Liberty (*p.* 209)
- 3) Name two common scab-resistant and powdery-mildew-resistant apples.
Liberty and Prima (*p.* 209)
- 4) A tree planted on M26 rootstock will grow to what percentage of the size of a seedling tree? 50 percent (*p.* 211)

5) Are Lapin cherries self-fruitful?

Yes (*p. 212*)

6) What are the ways to thin fruit from trees?

- Manually (picking off either blossoms or fruit)-the most common method for home orchards (*p. 215*)
- Mechanically (knocking the fruit off) (*p. 214*) .
- Chemically (spraying with plant growth regulators) (*p. 214*)
- Naturally (e.g., from freezing weather)