

Name \_\_\_\_\_

## Green Thumb Guide: Avoiding Common Mistakes in Perennial Plant Care

### Open-Ended Response Questions

1. Discuss the importance of proper watering practices for perennial plant care and explain how gardeners can determine when to water their plants. Provide examples of signs of both underwatering and overwatering in perennial plants and describe the ideal moisture level for healthy growth.
2. Explore the concept of integrated pest management and its role in sustainable gardening practices. Explain how gardeners can implement integrated pest management strategies to control pests and diseases in their perennial gardens without relying heavily on chemical pesticides. Provide examples of cultural, mechanical, and biological control methods used in integrated pest management.
3. Describe the process of testing soil pH for perennial plant care and explain why it's important for optimizing plant health and growth. Discuss the optimal pH ranges for different types of perennial plants and how gardeners can adjust soil pH using soil amendments like lime or sulfur.
4. Investigate the impact of sunlight exposure on perennial plant growth and development. Discuss the varying sunlight requirements of different perennial species, including those that prefer full sun, partial shade, and full shade. Provide examples of perennial plants suited to each sunlight condition and explain how gardeners can ensure proper placement for optimal growth.

