

# Planning a Garden Review

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## Understanding Garden Design and Measurement

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions based on what you learned about planning a garden and using measurement in real-world situations.

1. What are two important principles to consider when designing a garden plot?

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2. What is the formula for calculating the area of a rectangular garden plot?

- A. Length + Width
- B. Length - Width
- C. Length x Width

3. To calculate the perimeter, you need to add together the lengths of all the \_\_\_\_ of the garden plot.

4. Calculating the area of a garden plot is not useful for planning material quantities.

True       False

5. How can math help you in planning a garden? Give one example.

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6. Which measurement unit might you need to convert when planning a garden?

- A. Inches to feet
- B. Hours to minutes
- C. Pounds to ounces

7. The scripture from Genesis 2:15 shows that God wants us to \_\_\_\_ and keep the garden.

8. Understanding area and perimeter is only useful for gardening and not applicable in other real-life situations.

True       False

9. What is one way you can demonstrate stewardship while planning your garden?

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10. What might be a consequence of not measuring correctly when planning a garden?

- A. You may plant too many seeds.
- B. You may run out of water.
- C. You may have to redo the garden plot.

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Answer Key

1. Efficiency in space usage and proper measurement of area. 2. Length x Width 3. sides 4. False 5. Math helps in planning a garden by allowing us to calculate how much soil we need. For example, if we know the area of the garden, we can figure out how many bags of soil to buy. 6. Inches to feet 7. cultivate 8. False 9. One way to demonstrate stewardship is by choosing plants that are native to the area, which helps the local ecosystem and conserves resources. 10. You may have to redo the garden plot.