Practice Worksheet: Distance Between Saplings

Section A: Multiple Choice

1. What is the formula to find the distance between two saplings?

    A) Distance = Length + Width

    B) Distance = Length - Width

    C) Distance = Length / Width

    D) Distance = Length x Width

2. Which of the following represents the distance between the first and last sapling?

    A) Sum of equal parts

    B) Difference of lengths

    C) Product of widths

    D) Sum of lengths

3. How can you represent the distance as a sum of equal parts?

    A) By adding the lengths of all saplings

    B) By subtracting the lengths of all saplings

    C) By multiplying the lengths of all saplings

    D) By dividing the lengths of all saplings

4. What is the correct order of operations to find the distance between two saplings?

    A) Add the lengths, then multiply by the number of saplings

    B) Multiply the lengths, then add the number of saplings

    C) Add the lengths, then subtract the number of saplings

    D) Subtract the lengths, then add the number of saplings

5. What is the formula to find the distance between the first and last sapling?

    A) Distance = Length - Width

    B) Distance = Length + Width

    C) Distance = Length x Width

    D) Distance = Length / Width

Section B: Short Answer

6. Explain how to find the distance between two saplings.

7. What is the difference between the distance between two saplings and the distance between the first and last sapling?

8. How can you represent the distance as a sum of equal parts?

9. What is the correct order of operations to find the distance between two saplings?

10. Explain the concept of sum of equal parts in the context of distance between saplings.

Section C: Application Problems

11. Tom has 5 saplings in his garden, each with a length of 10 meters. What is the total distance between the first and last sapling?

12. A farmer has 8 saplings in a row, each with a length of 15 meters. What is the total distance between the first and last sapling?

13. A gardener has 12 saplings in a garden, each with a length of 20 meters. What is the total distance between the first and last sapling?

14. A landscape designer has 16 saplings in a row, each with a length of 25 meters. What is the total distance between the first and last sapling?

15. A park ranger has 20 saplings in a garden, each with a length of 30 meters. What is the total distance between the first and last sapling?

Answer Key

1: Distance = Length + Width

2: Sum of equal parts

3: By adding the lengths of all saplings

4: Add the lengths, then multiply by the number of saplings

5: Distance = Length + Width

6: To find the distance between two saplings, add their lengths.

7: The distance between two saplings is the sum of their lengths, while the distance between the first and last sapling is the sum of equal parts.

8: The distance can be represented as a sum of equal parts by adding the lengths of all saplings.

9: The correct order of operations is to add the lengths of the saplings and then multiply by the number of saplings.

10: The sum of equal parts represents the total distance covered by the saplings.

11: 100 meters

12: 120 meters

13: 240 meters

14: 400 meters

15: 600 meters