

Name \_\_\_\_\_

# Amazing Grid

Use the grid below to help Alice find her way through a maze. Each square equals one square yard. Map and label the following ordered pairs and connect them with a line in the order they are listed. Then, find the distance between each set of ordered pairs. Add these distances to find the total number of yards Alice walked to reach the end of the maze.

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|---|---|
| 1. Point <i>A</i> to Point <i>B</i> (2, 0) _____    | 2. Point <i>B</i> to Point <i>C</i> (2, 3) _____    |
| 3. Point <i>C</i> to Point <i>D</i> (6, 3) _____    | 4. Point <i>D</i> to Point <i>E</i> (6, 2) _____    |
| 5. Point <i>E</i> to Point <i>F</i> (11, 2) _____   | 6. Point <i>F</i> to Point <i>G</i> (11, 5) _____   |
| 7. Point <i>G</i> to Point <i>H</i> (2, 5) _____    | 8. Point <i>H</i> to Point <i>I</i> (2, 9) _____    |
| 9. Point <i>I</i> to Point <i>J</i> (4, 9) _____    | 10. Point <i>J</i> to Point <i>K</i> (4, 12) _____  |
| 11. Point <i>K</i> to Point <i>L</i> (9, 12) _____  | 12. Point <i>L</i> to Point <i>M</i> (9, 9) _____   |
| 13. Point <i>M</i> to Point <i>N</i> (11, 9) _____  | 14. Point <i>N</i> to Point <i>O</i> (11, 14) _____ |
| 15. Point <i>O</i> to Point <i>P</i> (14, 14) _____ | 16. Point <i>P</i> to Point <i>Q</i> (14, 3) _____  |
| 17. Point <i>Q</i> to Point <i>R</i> (12, 3) _____  | 18. Point <i>R</i> to Point <i>S</i> (12, 7) _____  |
| 19. Point <i>S</i> to Point <i>T</i> (4, 7) _____   | 20. Point <i>T</i> to Point <i>U</i> (4, 8) _____   |
| 21. Point <i>U</i> to Point <i>V</i> (8, 8) _____   | Alice walked _____ yards.                           |

