Name _____

Enrichment
17-3

Amazing Grid

Use the grid below to help Alice find the center of 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 center of the maze.

1. Point *A* to Point *B* (2, 0) _____

2. Point *B* to Point *C* (2, 3) _____

3. Point *C* to Point *D* (6, 3) _____

4. Point *D* to Point *E* (6, 2) _____

5. Point *E* to Point *F* (11, 2) _____

6. Point *F* to Point *G* (11, 5) _____

7. Point *G* to Point *H* (2, 5) _____

8. Point *H* to Point *I* (2, 9) _____

9. Point *I* to Point *J* (4, 9) _____

10. Point *J* to Point *K* (4, 12) _____

11. Point *K* to Point *L* (9, 12) _____

12. Point *L* to Point *M* (9, 9) _____

13. Point *M* to Point *N* (11, 9) _____

14. Point *N* to Point *O* (11, 14) _____

15. Point *O* to Point *P* (14, 14) _____

16. Point *P* to Point *Q* (14, 3) _____

17. Point *Q* to Point *R* (12, 3) _____

18. Point *R* to Point *S* (12, 7) _____

19. Point *S* to Point *T* (4, 7) _____

20. Point *T* to Point *U* (4, 8) _____

21. Point *U* to Point *V* (8, 8) _____

Alice walked _____