

Mathematical

Reflections



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In this investigation, you explored squares and segments drawn on dot paper. You learned that the side length of a square is the positive square root of the square's area. You also discovered that, in many cases, a square root is not a whole number. These questions will help you summarize what you have learned.

Think about your answers to these questions. Discuss your ideas with other students and your teacher. Then write a summary of your findings in your notebook.

1. Describe how you would find the length of a line segment connecting two dots on dot paper. Be sure to consider horizontal, vertical, and tilted segments.
2. Explain what it means to find the square root of a number.