

**Student Copy**  
**Activity 10.1**

16. Write down the coordinates of the vertices of the square.

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17. Write a sentence describing the rotation you performed. Write the coordinates of the vertices of the square.

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18. Write a sentence describing the rotation you performed. Write the coordinates of the vertices of the square.

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**Connect the Dots**

16														
17														
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1. In your notebook, write the coordinates of the vertices of the square.
2. Rotate the square  $90^\circ$  clockwise. Write the coordinates of the vertices of the square.
3. Rotate the square  $180^\circ$ . Write the coordinates of the vertices of the square.
4. Rotate the square  $270^\circ$  clockwise. Write the coordinates of the vertices of the square.
5. Rotate the square  $90^\circ$  counter-clockwise. Write the coordinates of the vertices of the square.
6. Rotate the square  $180^\circ$ . Write the coordinates of the vertices of the square.
7. Rotate the square  $270^\circ$  counter-clockwise. Write the coordinates of the vertices of the square.
8. In your notebook, write a sentence describing the rotation you performed. Write the coordinates of the vertices of the square.
9. In your notebook, write a sentence describing the rotation you performed. Write the coordinates of the vertices of the square.
10. In your notebook, write a sentence describing the rotation you performed. Write the coordinates of the vertices of the square.
11. In your notebook, write a sentence describing the rotation you performed. Write the coordinates of the vertices of the square.
12. In your notebook, write a sentence describing the rotation you performed. Write the coordinates of the vertices of the square.