Assignment 6

You have been asked to simplify the following matrix equation:

\[ A = \begin{bmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{bmatrix}, \quad B = \begin{bmatrix} x & y \\ z & w \end{bmatrix} \]

1. Simplify the equation to find the values of \( x, y, z, \) and \( w \).

2. Using the simplified equation, solve for \( x, y, z, \) and \( w \).

3. Verify your solution by substituting the values back into the original equation.

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Note: This assignment is due by 5:00 PM on [due date].

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Course Outline:

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  - Section 1.1

- Week 2:
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- Week 3:
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- Week 4:
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- Week 6:
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- Week 10:
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- Week 11:
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- Week 12:
  - Chapter 12
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Instructor Email: [instructor_email]

Course Website: [course_website]