Assignment 4

Due on 2023-10-14, 23:59:59

Points: Please note that multiple options may be correct.

1. Which of the following numbers are solutions to the following system of simultaneous linear equations: \( a = 1 \) (point 1), \( b = 2 \) (point 2)?
   - (1, 2)
   - (3, 4)
   - (5, 6)
   - (7, 8)
   - (9, 10)

2. Which of the following numbers are solutions to the following system of simultaneous linear equations: \( a = 0 \) (point 1), \( b = 0 \) (point 2)?
   - (1, 0)
   - (2, 0)
   - (3, 0)
   - (4, 0)
   - (5, 0)

3. Which of the following numbers are solutions to the following system of simultaneous linear equations: \( a = 1 \) (point 1), \( b = 1 \) (point 2)?
   - (1, 1)
   - (2, 2)
   - (3, 3)
   - (4, 4)
   - (5, 5)

4. Which of the following numbers are solutions to the following system of simultaneous linear equations: \( a = 0 \) (point 1), \( b = 1 \) (point 2)?
   - (0, 1)
   - (0, 2)
   - (0, 3)
   - (0, 4)
   - (0, 5)

5. Which of the following numbers are solutions to the following system of simultaneous linear equations: \( a = 2 \) (point 1), \( b = 3 \) (point 2)?
   - (2, 3)
   - (4, 6)
   - (5, 10)
   - (7, 14)
   - (8, 18)

6. Which of the following numbers are solutions to the following system of simultaneous linear equations: \( a = 3 \) (point 1), \( b = 3 \) (point 2)?
   - (3, 3)
   - (6, 6)
   - (9, 9)
   - (12, 12)
   - (15, 15)

7. Which of the following numbers are solutions to the following system of simultaneous linear equations: \( a = 4 \) (point 1), \( b = 4 \) (point 2)?
   - (4, 4)
   - (8, 8)
   - (12, 12)
   - (16, 16)
   - (20, 20)

8. Which of the following numbers are solutions to the following system of simultaneous linear equations: \( a = 5 \) (point 1), \( b = 5 \) (point 2)?
   - (5, 5)
   - (10, 10)
   - (15, 15)
   - (20, 20)
   - (25, 25)