Systems of three linear equations

Name: _____ Date: _____

6 questions | 12 marks

1. Solve x+y+z=9, x-y=1, z=2. [2 marks]

2. Solve x+y=3, y+z=5, x+z=4. [2 marks]

3. Classify x+y+z=2, 2x+2y+2z=5, z=1. [2 marks]

4. Parametrise x+y=2, z=1, 2x+2y=4. [2 marks]

5. Solve x+2y+z=8, y-z=1, x-z=2. [2 marks]

6. What does a unique solution of three independent plane equations represent? [2 marks]