

MATH 1314

Chapter 10.1: Solving Systems of Linear Equations Using Matrices

MATRIX

$$2x + y - z = 2$$

$$x + 3y + 2z = 1$$

$$x + y + z = 2$$

$$3X + Y + 2Z = 31$$

$$X + Y + 2Z = 19$$

$$X + 3Y + 2Z = 25$$

$$x - 17 - 2y$$

$$3(x + 2y) = 47 - y$$

$$x - y + z = -4$$

$$5x + y - 2z = 12$$

$$2x - 3y + 4z = -15$$