

Error Analysis Systems of Equations

Name _____ Per _____

$$5x + 2y = 9$$

Equation 1

$$3x - 2y = -1$$

Equation 2

Student work

$$5x + 2y = 9$$

$$\underline{3x - 2y = -1}$$

$$2x = 10$$

$$x = 5$$

Solution (5, -8)

Description of error:**Correct Solution:**

$$x + y = 1$$

Equation 1

$$5x + 3y = -3$$

Equation 2

Student work

$$-5x + 5y = -5$$

$$\underline{5x + 3y = -3}$$

$$8y = -8$$

$$y = -1$$

Solution (2, -1)

Description of error:**Correct Solution:**