SOLVING SIMULTANEOUS EQUATIONS USING 2×2 MATRICES

EXERCISE 1: Calculate the values of x and y using matrices

a) $2x - 2y = 3$

$-7x + 8y = 2$

b) $x + 2y = 4$

$3x - 5y = 1$

Exercise 2: Rearrange and solve the following simultaneous equations using matrices

a) $2x + 4y - 2 = 0$

$y - 11 = 3x$

b) $x + 1 = y$

$2x + y - 4 = 0$