Which of these would you keep? x or y?

$$4x + 12y = 82$$
$$6x - 12y = 8$$

$$3x + y = 25$$
$$3y - 3x = -9$$

$$5x + 8y = 28$$
$$8x + 8y = 34$$

Multiply each term in these equations by 3.

$$4x + 12y = 82$$

$$6x - 12y = 8$$

Solve these equations

$$3x = 18$$

$$5x + 8 = 38$$

$$6x + 3(6) = 42$$

$$9x - 4(5) = 25$$

Find the value of x when y = 4.

$$3x + y = 25$$

$$5x + 8y = 28$$

$$3y - 3x = -9$$