

Game 1 Clue Card:

$$2x + 2y = \underline{\quad}$$

$$2x + y = \underline{\quad}$$

Game 2 Clue Card:

$$x + 3y = \underline{\quad}$$

$$x - y = \underline{\quad}$$

Game 3 Clue Card:

$$x + 2y = \underline{\quad}$$

$$x + y = \underline{\quad}$$

Game 4 Clue Card:

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

$$2x + 2y = \underline{\quad}$$

Game 5 Clue Card:

$$2x + 4y = \underline{\quad}$$

$$3x + 4y = \underline{\quad}$$

Game 6 Clue Card:

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

$$5x - 2y = \underline{\quad}$$

Game 7 Clue Card:

$$3x + 2y = \underline{\quad}$$

$$2x + y = \underline{\quad}$$

Game 8 Clue Card:

$$4x + 3y = \underline{\quad}$$

$$5x - y = \underline{\quad}$$

Game 9 Clue Card:

$$2x + 3y = \underline{\quad}$$

$$x - y = \underline{\quad}$$

Game 10 Clue Card:

$$x + y = \underline{\quad}$$

$$x^2 + y^2 = \underline{\quad}$$

Game 11 Clue Card:

$$x - y = \underline{\quad}$$

$$x^2 + y^2 = \underline{\quad}$$

Game 12 Clue Card:

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

$$3x + 2y = \underline{\quad}$$

Game 13 Clue Card:

$$3x + 2y = \underline{\quad}$$

$$10x - 5y = \underline{\quad}$$

Game 14 Clue Card:

$$2x + 7y = \underline{\quad}$$

$$-5x + 2y = \underline{\quad}$$

Game 15 Clue Card:

$$3x - 3y = \underline{\quad}$$

$$11x - 9y = \underline{\quad}$$

Your Game Clue Card:

Roll 2 dice to give you two numbers (represented by x and y). Starting with 'Game 1 Clue Card', work out two answers using your numbers - fill the gaps and give the two clues to the other people on your table.

What strategies do they use to work out the two numbers?

Keep a note of these strategies on a piece of paper and be ready to share and explain what you find out/ use.