



# Coordinates Algebra Game

**A****B****C****D****1**

$$4x + 3 = 11$$

$$1x + 1 = 2$$

$$3x = 15$$

$$9x = 36$$

**2**

$$10 - x = 11$$

$$36 \div x = 6$$

$$8x \div 2 = 16$$

$$14x \div 2 = 7$$

**3**

$$100 + x = 200$$

$$500 - x = 250$$

$$23 + 4 = 17 + x$$

$$52 \div x = 26$$

**4**

$$77x = 77 =$$

$$4 + (2 - x) = 8$$

$$55 \div x = 11$$

$$300 - 30 = x$$

# HOW TO PLAY

1. This game is excellent for the classroom. Split the teams into 2 or more and draw grids on the board to represent them.
2. For low levels of students simply ask them to find the value of 'x' in the coordinates you say. For example if the answer in the coordinate A1 was 1, you say A1 and within 1 second the student or group which says 1 wins a point. If they are really slow increase the time to 2 seconds or more.
3. To give students more practice, let them take turns telling the answer of problems for others to quickly say the problem and coordinate.