

Four Sum Practice in Solving Equations

Students work individually, pairs or in small groups to solve a set of equations. As part of the instructions, tell students that if they find correct solutions to all four equations in the set, the sum will be

Example: Solve these equations. The sum of the four solutions will be -1.

$$6a + 5a = -11$$

$$-6n - 2n = 16$$

$$4x + 6 + 3 = 17$$

$$0 = -5n - 2n$$

Next set: The sum of the four solutions will be 1.

$$42 = 8m + 13m$$

$$a - 2 + 3 = -2$$

$$18 = 3(3x - 6)$$

$$30 = -5(6n + 6)$$

