

Grade 8 Mathematics Worksheet

Algebraic equations and inverses

Questions:

Which value of x makes the equation $3x - 2(x - 5) = 50$ true?

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Solution

$$3x - 2(x - 5) = 50$$

$$\therefore 3x - 2x + 10 = 50$$

$$\therefore x = 50 - 10$$

$$\therefore x = 40.$$