

Name _____

Translating Algebraic Expressions and Equations: Write each phrase or sentence as an algebraic expression

- 1) A number increased by seven _____
- 2) Mary's age increased by nine _____
- 3) The sum of five and a number _____
- 4) Six more than DeAndre's age _____
- 5) A number reduced by nine _____
- 6) Twice Sonya's age _____
- 7) The difference between Brandon's age and George's age _____
- 8) The quotient of fifteen and a variable _____
- 9) The sum of five and a number tripled _____
- 10) The product of six and a variable _____

Write each math sentence in words

- 11) $77h$ _____
- 12) $x - 5f$ _____
- 13) $\frac{x}{2}$ _____
- 14) $m - 22$ _____
- 15) $7x - 3$ _____

Write each phrase or sentence as an algebraic equation

- 1) Maria's age multiplied by six is forty-two _____
- 2) The product of five and a number less six is four _____
- 3) Four times a number equals two hundred _____
- 4) Twice as old as Vinnie is fifty _____
- 5) Stan's age divided by four all less than two is eight _____
- 6) The quotient of 48 and the number of hours worked is six _____
- 7) A sum of a number and ten is fourteen _____
- 8) The factor of five and a number is two and a half _____
- 9) Ms. Jamison's age less four is twenty-nine _____
- 10) Sixteen more than a number is thirty-six _____

Write each math sentence in words

- 11) $6 + m = 40$ _____
- 12) $5y = 40$ _____
- 13) $\frac{x}{5} = 40$ _____
- 14) $2m - 4 = 40$ _____
- 15) $6x + 4 = 40$ _____