

Algebra

A026-Verbal to Algebraic Equations



Write an equation or inequality to represent each sentence.

<p>1. Seven more than x is nine.</p> <p>A) $7x = 9$ B) $x + 7 = 9$ C) $x - 9 = 7$ D) $7 > x = 9$</p>	<p>6. Seven less than the quotient of x and five is greater than 8.</p> <p>A) $\frac{x}{5} - 7 + 8$ B) $\frac{x}{5} - 7 = 8$ C) $7 - \frac{x}{5} > 8$ D) $\frac{x}{5} - 7 > 8$</p>
<p>2. Eight less than x is 14.</p> <p>A) $8 - x = 14$ B) $8 < x = 12$ C) $x - 8 = 14$ D) $\frac{8}{x} = 14$</p>	<p>7. Nine greater than the product of three and x is 12.</p> <p>A) $3x + 9 = 12$ B) $9 > 3x = 12$ C) $9 + 3x > 12$ D) $27x = 12$</p>
<p>3. Four times x is 24.</p> <p>A) $4x = 24$ B) $4 + x = 24$ C) $\frac{4}{x} = 24$ D) $4(4x) = 24$</p>	<p>8. The product of five and x is 3 less than x.</p> <p>A) $5(x - 3) < x$ B) $5x < 3x$ C) $5x = 3 - x$ D) $5x = x - 3$</p>
<p>4. The quotient of x and six is 3.</p> <p>A) $\frac{x}{6} = 3$ B) $\frac{6}{x} = 3$ C) $6x = 3$ D) $x - 6 = 3$</p>	<p>9. The sum of 12 and x is equal to the product of 5 and x.</p> <p>A) $12 + x = 5x$ B) $12 + x = \frac{5}{x}$ C) $12 + x = 5 + x$ D) $12x = 5 + x$</p>
<p>5. Eight more than the product of two and x is 26.</p> <p>A) $2x + 8 = 26$ B) $2(x + 8) = 26$ C) $x(2 + 8) = 26$ D) $(x + 2) + 8 = 26$</p>	<p>10. Six greater than the quotient of x and seven is nine more than x.</p> <p>A) $7x + 6 = x + 9$ B) $\frac{x}{7} + 6 = x + 9$ C) $6 > \frac{x}{7} = 9 + x$ D) $6 > 7x + 9 > x$</p>