Determine whether $x = 50$ is a solution to the equation $\frac{x}{5} - 9 = 1$:

$$\text{LHS} = \frac{x}{5} - 9 \qquad\qquad \text{RHS} = 1$$

$$= \frac{50}{5} - 9$$

$$= 1$$

$\therefore$ Since LHS = RHS, $x = 50$ is a solution to the equation.