Name: _____ **Date:** _____

Check Solution: Questions

(1) Determine whether $x = -8$ is a solution to the equation $x + 9 = 1$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = -8$ ..... a solution to the equation.

(2) Determine whether $x = 5$ is a solution to the equation $x + 4 = 7$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 5$ ..... a solution to the equation.

(3) Determine whether $x = -5$ is a solution to the equation $x + 7 = 4$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = -5$ ..... a solution to the equation.

(4) Determine whether $x = 0$ is a solution to the equation $x + 9 = 9$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 0$ ..... a solution to the equation.

(5) Determine whether $x = -1$ is a solution to the equation $x + 2 = 3$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = -1$ ..... a solution to the equation.

(6) Determine whether $x = 8$ is a solution to the equation $x + 3 = 10$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 8$ ..... a solution to the equation.

(7) Determine whether $x = -1$ is a solution to the equation $x + 1 = 1$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = -1$ ..... a solution to the equation.

(8) Determine whether $x = -8$ is a solution to the equation $x + 7 = 2$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = -8$ ..... a solution to the equation.

(9) Determine whether $x = 4$ is a solution to the equation $x + 1 = 5$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 4$ ..... a solution to the equation.

(10) Determine whether $x = -2$ is a solution to the equation $x + 4 = 5$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = -2$ ..... a solution to the equation.

(11) Determine whether $x = 0$ is a solution to the equation $x + 6 = 6$:

LHS = RHS =

=

=

$\therefore$ Since LHS $\ldots$ RHS, $x = 0$ $\ldots\ldots\ldots$ a solution to the equation.

(12) Determine whether $x = 0$ is a solution to the equation $x + 2 = 2$:

LHS = RHS =

=

=

$\therefore$ Since LHS $\ldots$ RHS, $x = 0$ $\ldots\ldots\ldots$ a solution to the equation.

(13) Determine whether $x = 0$ is a solution to the equation $x + 4 = 4$:

LHS = RHS =

=

=

$\therefore$ Since LHS $\ldots$ RHS, $x = 0$ $\ldots\ldots\ldots$ a solution to the equation.

(14) Determine whether $x = 3$ is a solution to the equation $x + 4 = 7$:

LHS = RHS =

=

=

$\therefore$ Since LHS $\ldots$ RHS, $x = 3$ $\ldots\ldots\ldots$ a solution to the equation.

(15) Determine whether $x = 5$ is a solution to the equation $x + 4 = 9$:

LHS = RHS =

=

=

$\therefore$ Since LHS $\ldots$ RHS, $x = 5$ $\ldots\ldots\ldots$ a solution to the equation.

(16) Determine whether $x = -3$ is a solution to the equation $x + 7 = 4$:

LHS = RHS =

=

=

$\therefore$ Since LHS $\ldots$ RHS, $x = -3$ $\ldots\ldots$ a solution to the equation.

(17) Determine whether $x = -1$ is a solution to the equation $x + 6 = 5$:

LHS = RHS =

=

=

$\therefore$ Since LHS $\ldots$ RHS, $x = -1$ $\ldots\ldots$ a solution to the equation.

(18) Determine whether $x = 6$ is a solution to the equation $x + 6 = 9$:

LHS = RHS =

=

=

$\therefore$ Since LHS $\ldots$ RHS, $x = 6$ $\ldots\ldots\ldots$ a solution to the equation.

(19) Determine whether $x = -6$ is a solution to the equation $x + 9 = 1$:

LHS = RHS =

=

=

$\therefore$ Since LHS $\ldots$ RHS, $x = -6$ $\ldots\ldots$ a solution to the equation.

(20) Determine whether $x = -5$ is a solution to the equation $x + 7 = 2$:

LHS = RHS =

=

=

$\therefore$ Since LHS $\ldots$ RHS, $x = -5$ $\ldots\ldots$ a solution to the equation.