Name: _____ **Date:** _____

ran Check Solution: Questions

(1) Determine whether $x = -11$ is a solution to the equation $x + 10 + 6 = 3$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = -11$ ..... a solution to the equation.

(2) Determine whether $x = 36$ is a solution to the equation $\frac{x}{9} + 2 = 3$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 36$ ..... a solution to the equation.

(3) Determine whether $x = 5$ is a solution to the equation $6(x - 6) = -24$:

LHS = RHS =

=

=

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

(4) Determine whether $x = 21$ is a solution to the equation $\frac{x+9}{6} = 6$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 21$ ..... a solution to the equation.

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

LHS = RHS =

=

=

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

(6) Determine whether $x = 32$ is a solution to the equation $\frac{x}{4} + 2 = 10$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 32$ ..... a solution to the equation.

(7) Determine whether $x = 24$ is a solution to the equation $x - 4 - 10 = 10$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 24$ ..... a solution to the equation.

(8) Determine whether $x = 9$ is a solution to the equation $x + 1 - 7 = 3$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 9$ ..... a solution to the equation.

(9) Determine whether $x = 15$ is a solution to the equation $x - 7 - 7 = 4$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 15$ ..... a solution to the equation.

(10) Determine whether $x = 3$ is a solution to the equation $2x \times 6 = 60$:

LHS = RHS =

=

=

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

(11) Determine whether $x = 6$ is a solution to the equation $4(x - 1) = 32$:

LHS = RHS =

$=$

$=$

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

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

LHS = RHS =

$=$

$=$

$\therefore$ Since LHS $\ldots$ RHS, $x = 19$ ..... a solution to the equation.

(13) Determine whether $x = 2$ is a solution to the equation $2(x + 1) = 6$:

LHS = RHS =

$=$

$=$

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

(14) Determine whether $x = 6$ is a solution to the equation $\frac{5x}{3} = 10$:

LHS = RHS =

$=$

$=$

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

(15) Determine whether $x = 24$ is a solution to the equation $\frac{x}{3} + 4 = 10$:

LHS = RHS =

$=$

$=$

$\therefore$ Since LHS $\ldots$ RHS, $x = 24$ ..... a solution to the equation.

(16) Determine whether $x = 80$ is a solution to the equation $\frac{x}{8} - 2 = 6$:

LHS = RHS =

$=$

$=$

$\therefore$ Since LHS $\ldots$ RHS, $x = 80$ ..... a solution to the equation.

(17) Determine whether $x = 126$ is a solution to the equation $\frac{x}{6} \times \frac{1}{7} = 3$:

LHS = RHS =

$=$

$=$

$\therefore$ Since LHS $\ldots$ RHS, $x = 126$ ..... a solution to the equation.

(18) Determine whether $x = 54$ is a solution to the equation $\frac{x}{6} \times \frac{1}{3} = 3$:

LHS = RHS =

$=$

$=$

$\therefore$ Since LHS $\ldots$ RHS, $x = 54$ ..... a solution to the equation.

(19) Determine whether $x = 7$ is a solution to the equation $8x + 10 = 66$:

LHS = RHS =

$=$

$=$

$\therefore$ Since LHS $\ldots$ RHS, $x = 7$ ..... a solution to the equation.

(20) Determine whether $x = 43$ is a solution to the equation $\frac{x+5}{8} = 4$:

LHS = RHS =

$=$

$=$

$\therefore$ Since LHS $\ldots$ RHS, $x = 43$ ..... a solution to the equation.