Name: _____ **Date:** _____

Check Solution: Questions

(1) Determine whether $x = 9$ is a solution to the equation $x - 6 = 4$:

LHS = RHS =

=

=

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

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

LHS = RHS =

=

=

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

(3) Determine whether $x = 13$ is a solution to the equation $x - 5 = 7$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 13$ ..... a solution to the equation.

(4) Determine whether $x = 13$ is a solution to the equation $\frac{x}{3} = 4$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 13$ ..... a solution to the equation.

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

LHS = RHS =

=

=

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

(6) Determine whether $x = 8$ is a solution to the equation $x + 2 = 10$:

LHS = RHS =

=

=

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

(7) Determine whether $x = 13$ is a solution to the equation $x - 4 = 9$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 13$ ..... a solution to the equation.

(8) Determine whether $x = 7$ is a solution to the equation $10x = 70$:

LHS = RHS =

=

=

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

(9) Determine whether $x = 7$ is a solution to the equation $2x = 14$:

LHS = RHS =

=

=

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

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

LHS = RHS =

=

=

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

(11) Determine whether $x = 9$ is a solution to the equation $10x = 90$:

LHS = RHS =

=

=

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

(12) Determine whether $x = 10$ is a solution to the equation $x - 4 = 3$:

LHS = RHS =

=

=

$\therefore$ Since LHS $\ldots$ RHS, $x = 10$ $\ldots\ldots\ldots$ a solution to the equation.

(13) Determine whether $x = 12$ is a solution to the equation $x - 9 = 3$:

LHS = RHS =

=

=

$\therefore$ Since LHS $\ldots$ RHS, $x = 12$ $\ldots\ldots\ldots$ a solution to the equation.

(14) Determine whether $x = 58$ is a solution to the equation $\frac{x}{10} = 6$:

LHS = RHS =

=

=

$\therefore$ Since LHS $\ldots$ RHS, $x = 58$ $\ldots\ldots\ldots$ a solution to the equation.

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

LHS = RHS =

=

=

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

(16) Determine whether $x = 5$ is a solution to the equation $9x = 45$:

LHS = RHS =

=

=

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

(17) Determine whether $x = 1$ is a solution to the equation $7x = 14$:

LHS = RHS =

=

=

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

(18) Determine whether $x = 3$ is a solution to the equation $7x = 21$:

LHS = RHS =

=

=

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

(19) Determine whether $x = 7$ is a solution to the equation $5x = 40$:

LHS = RHS =

=

=

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

(20) Determine whether $x = 13$ is a solution to the equation $x - 4 = 8$:

LHS = RHS =

=

=

$\therefore$ Since LHS $\ldots$ RHS, $x = 13$ $\ldots\ldots\ldots$ a solution to the equation.