**Name:** _____ **Date:** _____

ran Check Solution: Questions

(1) 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.

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

LHS = RHS =

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=

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

(3) Determine whether $x = -6$ is a solution to the equation $x + 7 = 1$:

LHS = RHS =

=

=

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

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

LHS = RHS =

=

=

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

(5) Determine whether $x = 5$ is a solution to the equation $6x = 42$:

LHS = RHS =

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=

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

(6) Determine whether $x = 17$ is a solution to the equation $x - 9 = 8$:

LHS = RHS =

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=

$\therefore$ Since LHS ... RHS, $x = 17$ ..... a solution to the equation.

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

LHS = RHS =

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$\therefore$ Since LHS ... RHS, $x = 18$ ..... a solution to the equation.

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

LHS = RHS =

=

=

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

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

LHS = RHS =

=

=

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

(10) Determine whether $x = -6$ is a solution to the equation $x + 7 = 4$:

LHS = RHS =

=

=

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

(11) Determine whether $x = 7$ is a solution to the equation $4x = 32$:

LHS = RHS =

=

=

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

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

LHS = RHS =

=

=

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

(13) Determine whether $x = 10$ is a solution to the equation $5x = 50$:

LHS = RHS =

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=

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

(14) Determine whether $x = 9$ is a solution to the equation $9x = 81$:

LHS = RHS =

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

(15) Determine whether $x = 5$ is a solution to the equation $2x = 14$:

LHS = RHS =

=

=

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

(16) Determine whether $x = 8$ is a solution to the equation $x - 3 = 5$:

LHS = RHS =

=

=

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

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

LHS = RHS =

=

=

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

(18) Determine whether $x = 0$ is a solution to the equation $\frac{x}{8} = 2$:

LHS = RHS =

=

=

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

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

LHS = RHS =

=

=

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

(20) Determine whether $x = 0$ is a solution to the equation $x + 7 = 10$:

LHS = RHS =

=

=

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