Name: _____ **Date:** _____

x Check Solution: Questions

(1) Determine whether $x = 5$ is a solution to the equation $9x = 36$:

LHS = RHS =

=

=

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

(2) Determine whether $x = 6$ is a solution to the equation $2x = 16$:

LHS = RHS =

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=

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

(3) Determine whether $x = 4$ is a solution to the equation $2x = 8$:

LHS = RHS =

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=

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

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

LHS = RHS =

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=

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

(5) Determine whether $x = 7$ is a solution to the equation $9x = 63$:

LHS = RHS =

=

=

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

(6) Determine whether $x = 6$ is a solution to the equation $7x = 42$:

LHS = RHS =

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=

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

(7) Determine whether $x = 2$ is a solution to the equation $9x = 18$:

LHS = RHS =

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=

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

(8) Determine whether $x = 6$ is a solution to the equation $10x = 60$:

LHS = RHS =

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=

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

(9) Determine whether $x = 9$ is a solution to the equation $4x = 36$:

LHS = RHS =

=

=

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

(10) Determine whether $x = 6$ is a solution to the equation $2x = 12$:

LHS = RHS =

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

(11) Determine whether $x = 2$ is a solution to the equation $6x = 30$:

LHS = RHS =

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=

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

(12) Determine whether $x = 9$ is a solution to the equation $4x = 36$:

LHS = RHS =

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=

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

(13) Determine whether $x = 11$ is a solution to the equation $4x = 40$:

LHS = RHS =

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

(14) Determine whether $x = 2$ is a solution to the equation $5x = 25$:

LHS = RHS =

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=

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

(15) Determine whether $x = 7$ is a solution to the equation $10x = 100$:

LHS = RHS =

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=

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

(16) 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.

(17) Determine whether $x = 0$ is a solution to the equation $10x = 30$:

LHS = RHS =

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=

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

(18) Determine whether $x = 3$ is a solution to the equation $10x = 30$:

LHS = RHS =

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=

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

(19) Determine whether $x = 6$ is a solution to the equation $4x = 24$:

LHS = RHS =

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=

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

(20) Determine whether $x = 2$ is a solution to the equation $4x = 8$:

LHS = RHS =

=

=

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