Name: _____ **Date:** _____

Check Solution: Questions

(1) Determine whether $x = 6$ is a solution to the equation $5x = 30$:

LHS = RHS =

=

=

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

(2) Determine whether $x = 7$ is a solution to the equation $10x = 60$:

LHS = RHS =

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=

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

(3) Determine whether $x = 4$ is a solution to the equation $6x = 36$:

LHS = RHS =

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=

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

(4) Determine whether $x = 6$ is a solution to the equation $9x = 54$:

LHS = RHS =

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=

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

(5) Determine whether $x = 10$ is a solution to the equation $8x = 80$:

LHS = RHS =

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=

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

(6) Determine whether $x = 3$ is a solution to the equation $6x = 18$:

LHS = RHS =

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=

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

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

LHS = RHS =

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=

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

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

LHS = RHS =

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=

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

(9) Determine whether $x = 5$ is a solution to the equation $8x = 40$:

LHS = RHS =

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=

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

(10) Determine whether $x = 7$ is a solution to the equation $8x = 56$:

LHS = RHS =

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

(11) Determine whether $x = 8$ is a solution to the equation $8x = 64$:

LHS = RHS =

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

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

LHS = RHS =

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=

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

(13) Determine whether $x = 6$ is a solution to the equation $6x = 54$:

LHS = RHS =

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

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

LHS = RHS =

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

(15) Determine whether $x = 4$ is a solution to the equation $5x = 25$:

LHS = RHS =

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

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

LHS = RHS =

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

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

LHS = RHS =

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=

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

(18) Determine whether $x = 7$ is a solution to the equation $7x = 49$:

LHS = RHS =

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

(19) Determine whether $x = 1$ is a solution to the equation $5x = 15$:

LHS = RHS =

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=

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

(20) Determine whether $x = 3$ is a solution to the equation $8x = 32$:

LHS = RHS =

=

=

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