Name: _____ **Date:** _____

r5 Check Solution: Questions

(1) Determine whether $x = 16$ is a solution to the equation $x - 6 = 10$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 16$ ..... a solution to the equation.

(2) Determine whether $x = 7$ is a solution to the equation $5x = 45$:

LHS = RHS =

=

=

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

(3) Determine whether $x = 16$ is a solution to the equation $\frac{x}{4} = 2$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 16$ ..... a solution to the equation.

(4) Determine whether $x = 5$ is a solution to the equation $4x = 20$:

LHS = RHS =

=

=

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

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

LHS = RHS =

=

=

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

(6) Determine whether $x = 5$ is a solution to the equation $x + 3 = 9$:

LHS = RHS =

=

=

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

(7) Determine whether $x = 117$ is a solution to the equation $\frac{x}{9} = 10$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 117$ ..... a solution to the equation.

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

LHS = RHS =

=

=

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

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

LHS = RHS =

=

=

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

(10) Determine whether $x = 28$ is a solution to the equation $\frac{x}{4} = 7$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 28$ ..... a solution to the equation.

(11) Determine whether $x = 16$ is a solution to the equation $x - 10 = 6$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 16$ ..... a solution to the equation.

(12) Determine whether $x = 0$ is a solution to the equation $x + 5 = 5$:

LHS = RHS =

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=

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

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

LHS = RHS =

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=

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

(14) Determine whether $x = 45$ is a solution to the equation $\frac{x}{5} = 9$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 45$ ..... a solution to the equation.

(15) Determine whether $x = 4$ is a solution to the equation $10x = 40$:

LHS = RHS =

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=

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

(16) Determine whether $x = 13$ is a solution to the equation $x - 1 = 9$:

LHS = RHS =

=

=

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

(17) Determine whether $x = 6$ is a solution to the equation $\frac{x}{3} = 2$:

LHS = RHS =

=

=

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

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

LHS = RHS =

=

=

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

(19) Determine whether $x = 12$ is a solution to the equation $\frac{x}{6} = 3$:

LHS = RHS =

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=

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

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

LHS = RHS =

=

=

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