Name: _____ **Date:** _____

div- Check Solution: Questions

(1) Determine whether $x = 20$ is a solution to the equation $\frac{x}{10} - 1 = 1$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 20$ ..... a solution to the equation.

(2) Determine whether $x = 95$ is a solution to the equation $\frac{x}{5} - 9 = 10$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 95$ ..... a solution to the equation.

(3) Determine whether $x = 75$ is a solution to the equation $\frac{x}{5} - 7 = 8$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 75$ ..... a solution to the equation.

(4) Determine whether $x = 112$ is a solution to the equation $\frac{x}{7} - 8 = 5$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 112$ ..... a solution to the equation.

(5) Determine whether $x = 48$ is a solution to the equation $\frac{x}{8} - 3 = 3$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 48$ ..... a solution to the equation.

(6) Determine whether $x = 24$ is a solution to the equation $\frac{x}{6} - 2 = 2$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 24$ ..... a solution to the equation.

(7) Determine whether $x = 120$ is a solution to the equation $\frac{x}{8} - 10 = 4$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 120$ ..... a solution to the equation.

(8) Determine whether $x = 70$ is a solution to the equation $\frac{x}{7} - 1 = 9$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 70$ ..... a solution to the equation.

(9) Determine whether $x = 50$ is a solution to the equation $\frac{x}{5} - 1 = 7$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 50$ ..... a solution to the equation.

(10) Determine whether $x = 52$ is a solution to the equation $\frac{x}{4} - 2 = 9$:

LHS = RHS =

=

=

$\therefore$ Since LHS ... RHS, $x = 52$ ..... a solution to the equation.

(11) Determine whether $x = 30$ is a solution to the equation $\frac{x}{2} - 9 = 4$:

LHS = RHS =

$=$

$=$

$\therefore$ Since LHS $\ldots$ RHS, $x = 30$ ..... a solution to the equation.

(12) Determine whether $x = 80$ is a solution to the equation $\frac{x}{8} - 7 = 2$:

LHS = RHS =

$=$

$=$

$\therefore$ Since LHS $\ldots$ RHS, $x = 80$ ..... a solution to the equation.

(13) Determine whether $x = 70$ is a solution to the equation $\frac{x}{7} - 9 = 1$:

LHS = RHS =

$=$

$=$

$\therefore$ Since LHS $\ldots$ RHS, $x = 70$ ..... a solution to the equation.

(14) Determine whether $x = 120$ is a solution to the equation $\frac{x}{8} - 10 = 5$:

LHS = RHS =

$=$

$=$

$\therefore$ Since LHS $\ldots$ RHS, $x = 120$ ..... a solution to the equation.

(15) Determine whether $x = 27$ is a solution to the equation $\frac{x}{3} - 8 = 1$:

LHS = RHS =

$=$

$=$

$\therefore$ Since LHS $\ldots$ RHS, $x = 27$ ..... a solution to the equation.

(16) Determine whether $x = 12$ is a solution to the equation $\frac{x}{2} - 5 = 1$:

LHS = RHS =

$=$

$=$

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

(17) Determine whether $x = 42$ is a solution to the equation $\frac{x}{6} - 3 = 2$:

LHS = RHS =

$=$

$=$

$\therefore$ Since LHS $\ldots$ RHS, $x = 42$ ..... a solution to the equation.

(18) Determine whether $x = 150$ is a solution to the equation $\frac{x}{10} - 8 = 8$:

LHS = RHS =

$=$

$=$

$\therefore$ Since LHS $\ldots$ RHS, $x = 150$ ..... a solution to the equation.

(19) Determine whether $x = 15$ is a solution to the equation $\frac{x}{5} - 1 = 2$:

LHS = RHS =

$=$

$=$

$\therefore$ Since LHS $\ldots$ RHS, $x = 15$ ..... a solution to the equation.

(20) Determine whether $x = 30$ is a solution to the equation $\frac{x}{2} - 10 = 4$:

LHS = RHS =

$=$

$=$

$\therefore$ Since LHS $\ldots$ RHS, $x = 30$ ..... a solution to the equation.