

$$7 - 5x = 5 - 7x$$

ANSWER:

We have:

$$7 - 5x = 5 - 7x$$

$$\Rightarrow -5x + 7x = 5 - 7$$

[transposing $-7x$ to LHS and 7 to RHS]

$$\Rightarrow 2x = -2$$

$$\Rightarrow x = \frac{-2^{-1}}{-2^1}$$

$$\Rightarrow x = -1$$

Thus, $x =$
 -1 is a solution to the given equation.