Starting Six

Solve the equation: $9x - 3 = 5x + 7$

Solve the pair of simultaneous equations:

$$2x + 9y = 0.5$$
$$5x - 4y = -12$$

Simplify the algebraic fraction:

$$\frac{3x^2 + 19x - 14}{x^2 - 49}$$

Make x the subject of the formula:

$$5x - p = q - wx$$

Expand and simplify: $(2x+3)(3x+2)(x-1)$

$f(x) = 6x-1$ and $g(x) = x^2 - 7$

Find: $gf(x)$

Find: $f^{-1}(x)$

Score ____ / 6

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