

Starting Six

Solve the equation: $3x + 3 = 7x - 11$

Solve the pair of simultaneous equations:

$$3x + 4y = -14$$

$$12x - 3y = 39$$

Simplify the algebraic fraction:

$$\frac{3x^2 - 26x + 16}{x^2 - 64}$$

Make x the subject of the formula:

$$8x - 5 = p - xd$$

Expand and simplify: $(2x-3)(2x+3)(x+7)$

$$f(x) = 7x-4 \text{ and } g(x) = x^2 - 3$$

Find: $fg(x)$

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

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