# Starting Six

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Solve the pair of simultaneous equations:

$$6x + 3y = 6$$
$$4x - 4y = 22$$

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Simplify the algebraic fraction:

$$\frac{2x^2 - 7x - 15}{x^2 - 25}$$

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Make x the subject of the formula:

$$xp - d = 7 - hx$$

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

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$f(x) = 3x-4$ and $g(x) = x^2 + 9$

Find: $fg(x)$

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

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Score _____ / 6

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