

Starting Six

What is the co-ordinate for the turning point of $y = x^2 - 8x - 1$

Solve these simultaneous equations:

$$4x - 3y = 11$$

$$10x + 2y = -1$$

Simplify:

$$\frac{3x + 5}{5} - \frac{3x - 5}{4}$$

Make x the subject of the formula:

$$5x - m = \frac{4k - xp}{w}$$

Prove algebraically that the sum of three consecutive even integers is always a multiple of 6

$$f(x) = 3x^2 - 9 \text{ and } g(x) = \frac{1}{x-7}$$

Find: $gf(5)$

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

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