



- 1) Expand and simplify $(x - 3)^3$

- 2) If $f(x) = 3x^2$ and $g(x) = 3x - 1$ find $fg(x)$

- 3) Find the equation of the line perpendicular to $3y - x = 6$ passing through the point $(2, -7)$

- 4) Find the n th term of the sequence 4, 10, 20, 34, ...

- 5) A car travels 50km in 1 hour 20 minutes, what is its average speed?