



- 1) A pressure of 30N/m^2 results from a force of 240N acting over an area $x\text{ m}^2$. Find x

- 2) If $f(x) = 10 - 3x^2$, find the value of $f(-2)$

- 3) If the n th term of a sequence is $\frac{3n}{4n-2}$, write down the first three terms

- 4) Work out $6 \times 10^2 \times 3 \times 10^4$, giving your answer in standard form

- 5) Solve simultaneously $7x - 5y = 40$ and $2x - 5y = 15$