HAA2.4

1) A pressure of 10N/m² results from a force of 360N acting over an area x m². Find x

2) If $f(x) = 2x + 3x^2$, find the value of $f(-5)$

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

4) Work out $5.2 \times 10^3 \times 3 \times 10^5$, giving your answer in standard form

5) Solve simultaneously $3x + 2y = 6$ and $4x - y = 19$