HAA5.3

1) Solve simultaneously $3x - 4y = 26$ and $5x + 3y = 24$

2) One solution of $sin\, x = 0.422618 \ldots$ is $x = 25°$
What is the other solution in the range $0° \leq x < 360°$?

3) Find the 50th term of the sequences -8, -1, 6, 13, …

4) Find $gf(x)$ where $f(x) = 3x + 2$ and $g(x) = x^2$

5) Simplify $\frac{3}{2x+6} + \frac{3x-5}{x+3}$