Higher Maths question bank :: Paper 1

18. More logs

1. Solve $\log_4(x+5)+\log_4(x-7)=3$ for $x>0$.

2. Solve $\log_3(x-8)+\log_3 x=2$ for $x>0$.

3. Solve $\log_6(x-3)+\log_6(x+6)=2$ for $x>0$.

4. Solve $\log_9(x-6)+\log_9 x=\frac{3}{2}$ for $x>0$.

5. Solve $\log_4(x-30)=3-\log_4 x$ for $x>0$.