**1** Find the values of $x$ for which $12x^2 - 20x + 5 < (2x+1)(x-1)$. [4]

**2** Variables $x$ and $y$ are such that, when $\lg y$ is plotted against $x^3$, a straight line graph passing through the points (6, 7) and (10, 9) is obtained. Find $y$ as a function of $x$. [4]