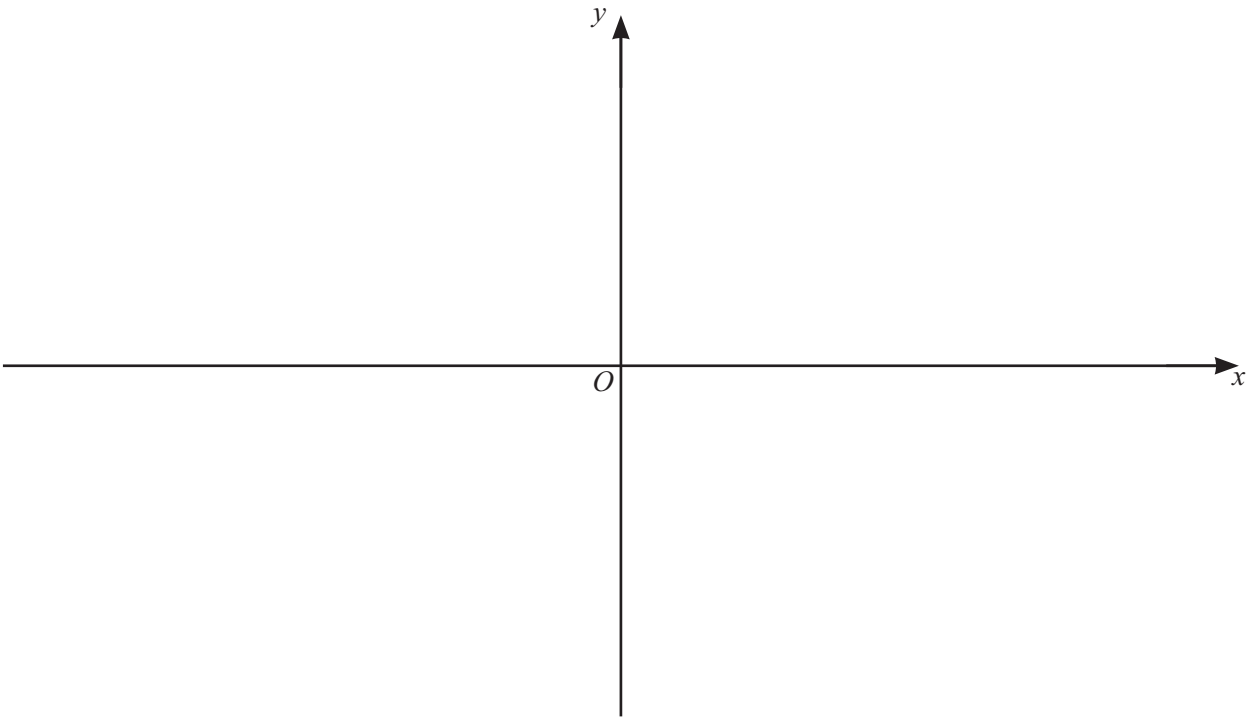
8 On the axes, sketch the graph of $y = 5\ln(4x+3)$.
State the intercepts with the axes.
State the equation of any asymptote.

[4]



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9 A curve $y = \mathrm{f}(x)$ is such that $\mathrm{f}''(x) = (2x+5)^{-\frac{3}{2}}$.

The curve has gradient $\frac{2}{3}$ at the point (2, 2).

(a) Find the coordinates of the stationary point on the curve. [11]

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