

Quiz 8 — MA16020 — February 9, 2018

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1. (2 points) Sketch the curve $x + 2y = 9$, labeling the axes and the coordinates of the x and y intercepts.
2. (2 points) On a new set of axes, sketch the curve $y = \frac{4}{x}$, giving the xy -coordinates of the points on the curve where $x = 1$ and where $x = 4$.
3. (4 points) On a new set of axes, sketch the curves from parts 1 and 2 together, giving the xy -coordinates of the intersection points.
4. (2 points) Write (do not evaluate) an integral which gives the area of the region enclosed by the curves.