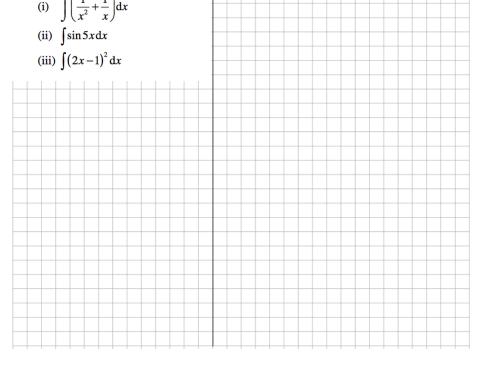
Integration Revision Questions

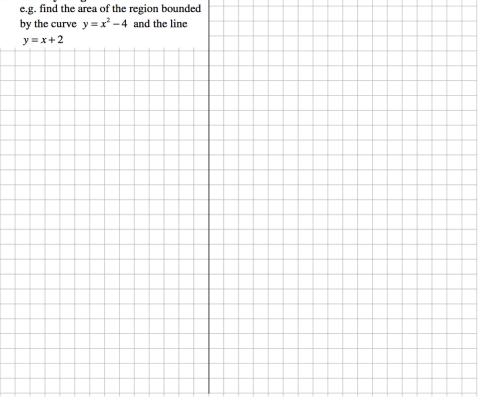
- 1. Indefinite integrals e.g. find



2. Definite integrals e.g. evaluate

Integration Revision Questions

3. Area by integration e.g. find the area of the region bounded by the curve $y = x^2 - 4$ and the line y = x + 2



4. Average value of a function

e.g. The volume, $V \text{ cm}^3$, of liquid in a conical vessel is given by

$$V = \frac{\pi}{12}h^3$$

where h cm is the depth of the water. Find the average volume of water in the bowl

