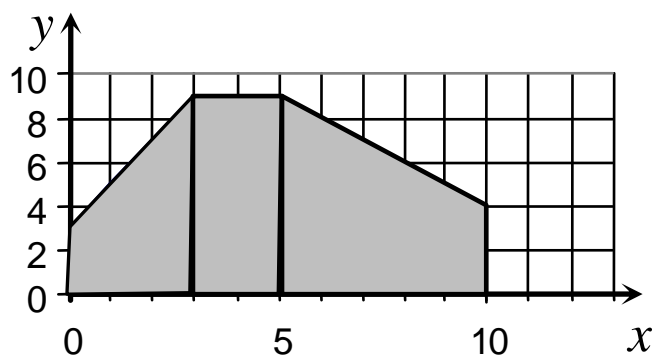
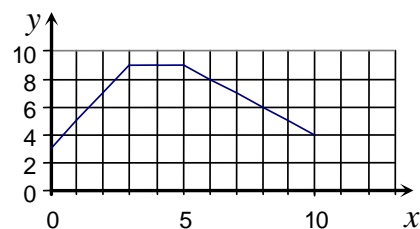




TG 1 The graph represents the function $y = f(x)$.
ADI

Use the graph to evaluate the integral $\int_0^{10} f(x) dx$.



$$\begin{aligned} \int_0^{10} f(x) dx &= \text{total area of 3 shapes} \\ &= \frac{1}{2} \times 3(3 + 9) + 2 \times 9 + \frac{1}{2} \times 5(9 + 4) \\ &= 68.5 \end{aligned}$$

* These solutions have been provided by [projectmaths](http://projectmaths.com.au) and are not supplied or endorsed by NESA.

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