

4.

$$h(x) = \frac{4x^3 - 19x^2 + 28x - 4}{(x - 2)^2} \quad x > 2$$

- (a) Write $h(x)$ in the form $Ax + B + \frac{C}{(x - 2)^2}$ where A , B and C are constants to be found.

(3)

- (b) Hence find $\int h(x) dx$

(3)