



- (b) Using a sketch, explain why the integral in part (a)(ii) does **not** give the area enclosed between the curve  $y = 4x - x^3$  and the  $x$ -axis.

[2 marks]

---

---

---

---

---

---

---

- (c) Find the area enclosed between the curve  $y = 4x - x^3$  and the  $x$ -axis.

[2 marks]

---

---

---

---

