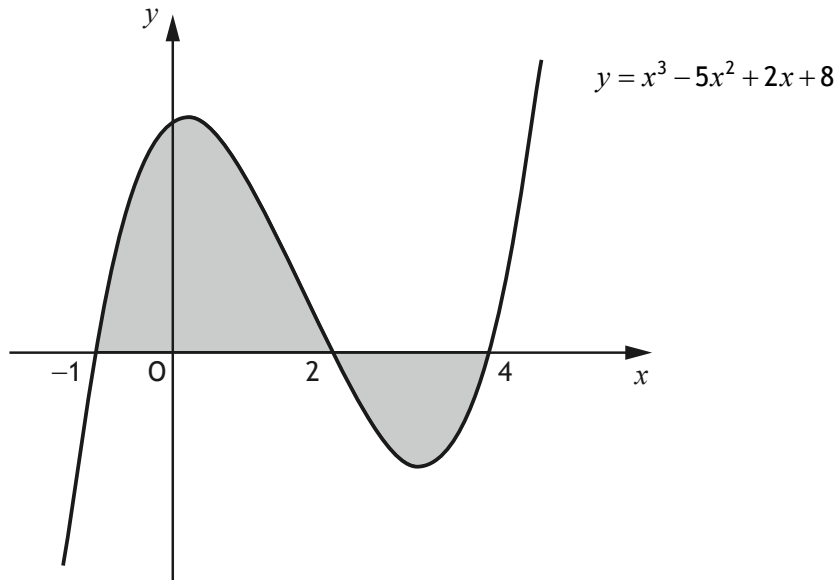


4. The graph shown has equation $y = x^3 - 5x^2 + 2x + 8$.

The total shaded area is bounded by the curve and the x -axis.



- (a) Calculate the shaded area above the x -axis.

4

- (b) Hence calculate the total shaded area.

3