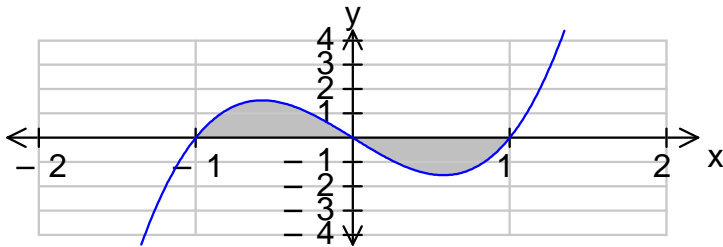


(C2-11.4a) Name:

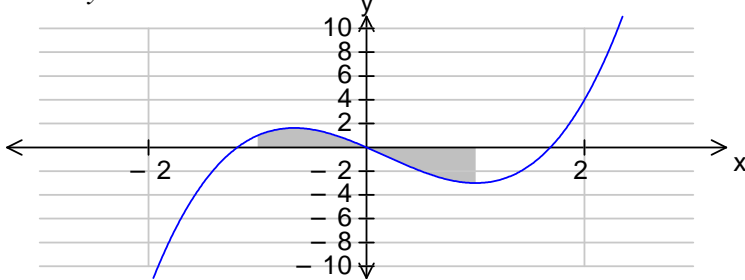
Homework Questions 4 – Finding The Area Between Curves and the x-axis

1. For $y = 4x^3 - 4x$ Find the area enclosed between the curve and the x – axis from $x = -1$ to $x = 1$



Area = 2

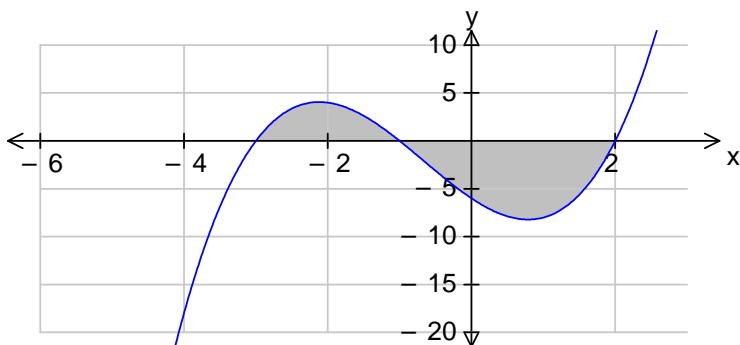
2. For $y = x^3 - x^2 - 4x$ Find the area enclosed between the curve and the x axis from $x = 1$ to $x = -1$



Area = 3.5

3. For $y = (x + 3)(x + 1)(x - 2)$

Find the area enclosed between the curve and the x – axis from $x = -3$ and $x = 2$



Area = 50