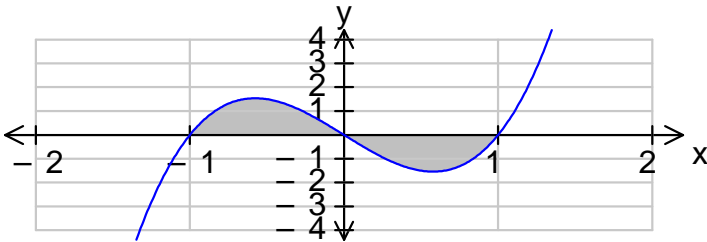


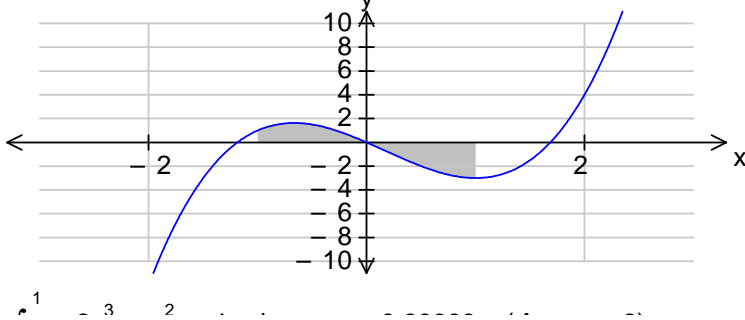
(C2-11.4) Name:

### 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  $x = 1$



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



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

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

