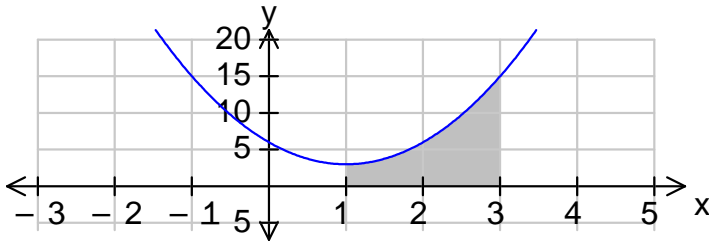


(C2-11.2a) Name:

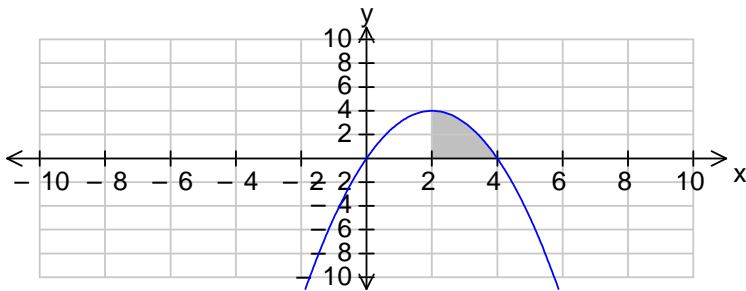
Homework Questions 2 – Finding Area Under Curves Above the x-axis

1. For $y = 3x^2 - 6x + 6$ Find the area enclosed between the curve and the x – axis from $x = 1$ to $x = 3$



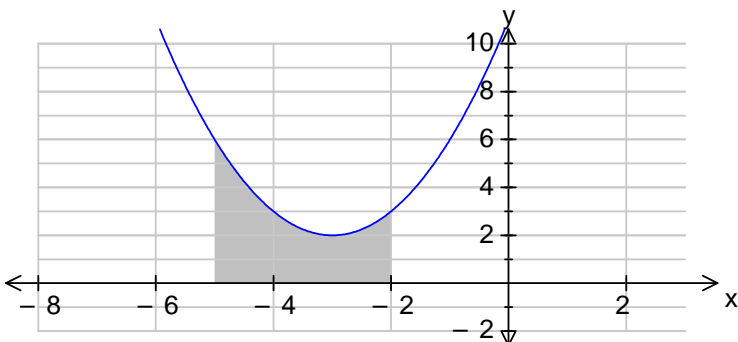
Area = 14

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



Area = 5.33

3. For $y = (x + 3)^2 + 2$ Find the area enclosed between the curve and the x – axis from $x = -5$ and $x = -2$



Area = 9