Skim pages 258-260, the read page 261 carefully.

Find the area between each curve and the x-axis, using the given boundaries.
Sketch an accurate graph to see if your answer is reasonable.
Check your answer using fnInt on your calculator.

1) $y = 4$ $\{x = 0 \text{ to } x = 7\}$

2) $y = 2x + 3$ $\{x = 1 \text{ to } x = 5\}$

3) $y = -1/2x + 10$ $\{x = 3 \text{ to } x = 13\}$

4) $y = \sin(x)$ $\{x = 0 \text{ to } x = \pi\}$

5) $y = 4x^2$ $\{x = 0 \text{ to } x = 3\}$