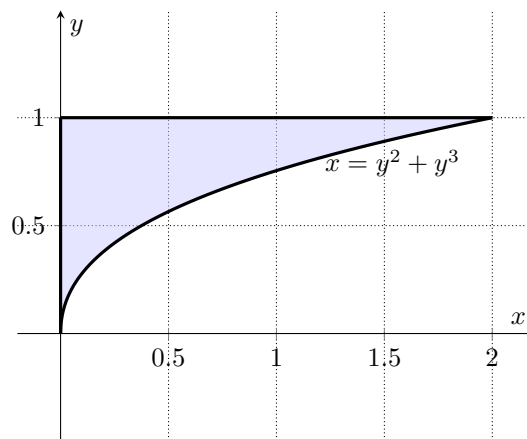
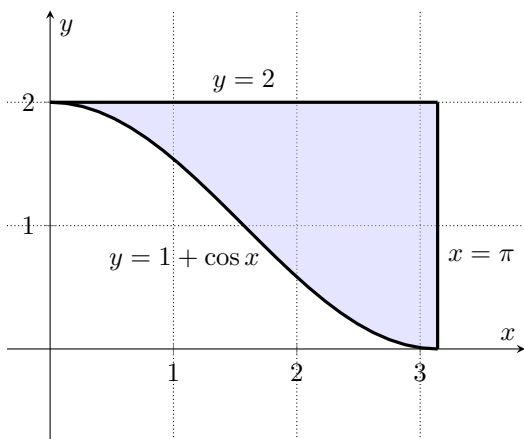
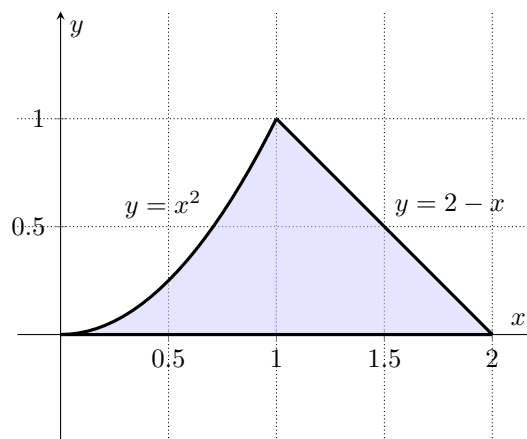
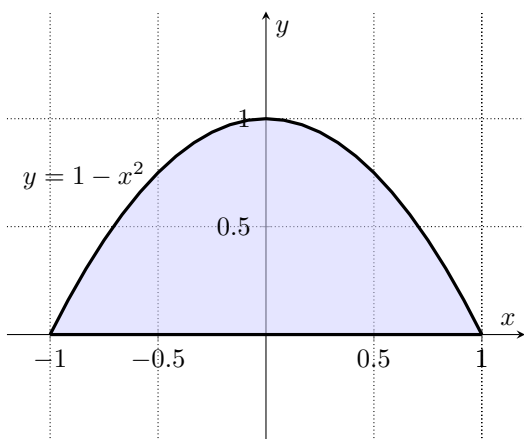


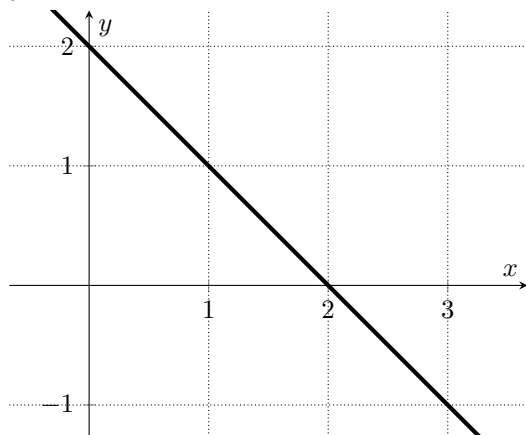
What's your area?

1. Find the areas of the shaded regions.

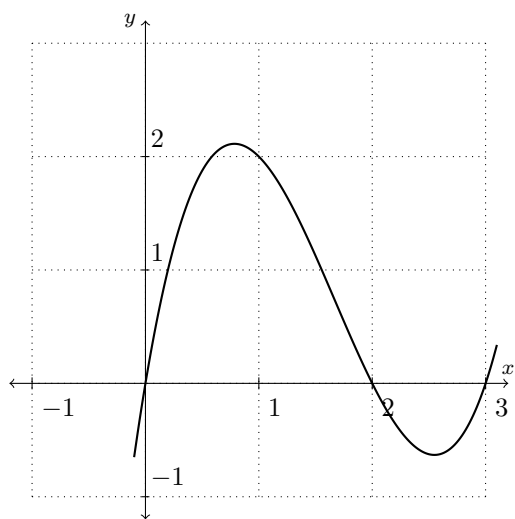


2. Find the *net* and *total* area of the region bounded between the curve and x -axis.

(a) $y = 2 - x, \quad 0 \leq x \leq 3$



(b) $y = x^3 - 5x^2 + 6x, \quad 0 \leq x \leq 3$



(c) $y = x^3 - 4x, \quad -2 \leq x \leq 2$

