

Find the area of the region bounded by the following curves. Set up your integrals with respect to y. A calculator is allowed to evaluate the integral.

5. $y = 1 - x^2$, $y = \sqrt{x} - 1$ and $y = -\sqrt{x} - 1$.

$\int_{1282.5} 272 = \chi b \left[\zeta(1+\gamma) - \overline{\gamma-1} \right]_{12828.5} \int_{12828.5}^{0} d\gamma$	·s	
3. $\int_{-2}^{-1} (4 - y^2) dy + \int_{-1}^{1} \left(-y^2 - \frac{3}{2}y + \frac{5}{2} \right) dy$	$\Sigma \cdot \int_{-\Sigma}^{-\Sigma} (\Sigma \sqrt{\lambda + \Sigma}) d\lambda$	1. $\int_0^1 (y - y^3) dy$
Answers to 8.5 CA #1		