

Present neatly on separate paper. Justify for full credit. No Calculators.

Name _____ Score _____ A (5 minutes)
1) Sketch and find the area of the region bounded by the curves

$$y = \cos x, y = \sin x, x = 0, x = \frac{\pi}{2}.$$

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Name _____ Score _____ F (5 minutes)

1) Sketch and find the area of the region enclosed by $y = x - 1$ and $y^2 = 2x + 6$.