A4 $\quad\displaystyle\int_1^3 \frac{1}{\sqrt{x}\cdot(1+x)}\,dx = 0.524 \qquad \frac{\pi}{6} = 0.524 \qquad$ A5 $\quad\displaystyle\int_0^1 \frac{x}{\sqrt{4+5\cdot x}}\,dx = 0.187 \qquad \frac{14}{75} = 0.187$

A6 $\quad\displaystyle\int_{0.5}^1 \ln(x)\,dx = -0.153 \qquad \int_{0.5}^1 (\ln(x))^2\,dx = 0.067 \qquad y1(x) := \ln(x) \qquad y2(x) := (\ln(x))^2$
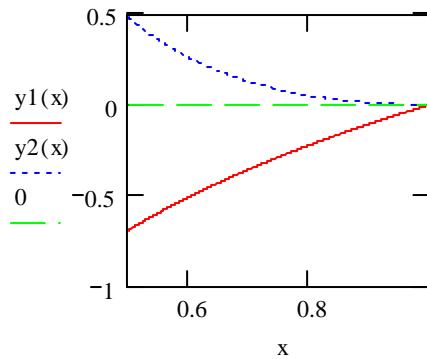
A8 $\quad\displaystyle\int_0^{0.5} \frac{1}{\sqrt{x-x^2}}\,dx = 1.571 \qquad \frac{\pi}{2} = 1.571 \qquad$ B1 $\quad\displaystyle\int_{-1}^0 6\cdot[4\cdot(1+y)]\,dy = 12$

B2 $\quad\displaystyle y(x) := \int_0^x \frac{\sin(t)}{t}\,dt \qquad\qquad\qquad$ B3 $\quad\displaystyle\int_0^2 \frac{4\cdot e^{\sqrt{\frac{(2-x)}{(2+x)}}}}{(e-1)\cdot\sqrt{4-x^2}(2+x)}\,dx = 2$