























Solutions		
$\int_{1}^{\infty} \frac{\ln(x)}{x^2}  \mathrm{d}x$		$-\frac{\ln(x)}{x} - \frac{1}{x} \qquad 1$
$\int_{3}^{\infty} \frac{1}{x}  \mathrm{d}x$		
$\int_{-\infty}^{0} \frac{1}{x^2 + 4}  \mathrm{d}x$	$\frac{1}{4}\pi$	$\frac{1}{2} \arctan\left(\frac{1}{2}x\right)$
$\int_{-\infty}^{\infty} \frac{1}{e^x + e^{-x}}  \mathrm{d}x$	$\frac{1}{2}\pi$	$\arctan(e^x)$