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- Real and imaginary parts of  $\ln \Gamma(\frac{1}{2}k+\frac{1}{2}ia), k=0(1)3, a=0(.1)5(.2)20, 8D; (|\Gamma(\frac{3}{4}+\frac{1}{2}ia)/\Gamma(\frac{1}{4}+\frac{1}{2}ia)|)^{-1/2} a=0(.02)1(.1)5(.2)20, 8D.$
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For references to tabular material on the incomplete gamma and incomplete beta functions, see the references in chapter 26.