Laplace transforms - Check your knowledge

□ What are the differences and similarities between the Laplace and the Fourier transforms?

□ What condition on f guarantees the convergence of the Laplace transform of f?

□ Do we have an explicit formulation of the inverse Laplace transform?

□ What integration methods are typically used for calculating a Laplace transform?

□ Do you know how to use the Laplace transform to solve a differential equation, or a system of differential equations?

□ What is a delta function?