Evaluate the integral:

For this integral we will use substitution and integration by parts:

Let’s use the method of substitution first because we need the logarithmic expression to be simpler.

Limit: (**x**: 1🡪4) (**t**: 5🡪11)

Let’s use integration by parts:

Evaluate the integral:

For this integral we will use substitution and integration by parts:

Let’s use the method of substitution first because we need the logarithmic expression to be simpler.

 Limit: (**x**: 1🡪e) (**t**: 0🡪1)

Let’s use integration by parts:

Let’s use integration by parts again:

Evaluate the integral:

For this integral we will use integration by parts and substitution:Let’s use substitution first:

Limits x: 0🡪 1 t: 5 🡪8

In this part we should apply integration by parts: