tisdag 20 december 2022

$$\int \frac{1}{x \cdot \ln x} dx = \left[ \frac{dt}{dx} = \frac{1}{x} \frac{\ln x}{dt} \right] = \int \frac{1}{t} dt = \ln|t| + c = \frac{\ln|t|}{t} \frac{\ln x}{t} + c$$

b) 
$$\left\{ \sin x \cdot (\log x)^{-1/3} dx = \left[ \frac{d+}{dx} = -\sin x \cdot dx \right] = \left\{ -\frac{-1/3}{3} dt = 3 \cdot + \frac{-1/3}{3} = 3 \left( \cos x \right)^{-1/3} + C \right\} \right\}$$