$$\frac{3 \cdot 6v_0}{\int \cos x \sin x \, dx = -\int \cos x \cdot (-\sin x) \, dx = -\int \cos x \cdot (-\cos x) \, dx = -\int \cos x \cdot (-\cos x) \, dx = -\int \cos x \cdot (-\cos x) \, dx = -\int \cos x \cdot (-\cos x) \, dx = -\int \cos x \cdot (-\cos x) \, dx = -\int \cos x \cdot (-\cos x) \, dx = -\int \cos x \cdot (-\cos x) \, dx = -\int \cos x \cdot (-\cos x) \, dx = -\int \cos x \cdot (-\cos x) \, dx = -\int \cos x \cdot (-\cos x) \, dx = -\int \cos x \cdot (-\cos x) \, dx = -\int \cos x \cdot (-\cos x) \, dx = -\int \cos x \cdot (-\cos x) \, dx = -\int \cos x \cdot (-\cos x) \, dx = -\int \cos x \cdot (-\cos x) \, dx = -\int \cos x \cdot (-\cos x) \, dx = -\int \cos x \cdot (-\cos x) \, dx = -\int \cos x \cdot (-\cos$$

$$\int \frac{\ln x}{x} dx = \begin{vmatrix} t = \ln x \\ x = e^{t} \end{vmatrix} \int \frac{t}{e^{t}} dt$$

$$= \frac{t^{3/2}}{3/2} + C = \frac{(\ln x)^{3/2}}{3/2} + C$$

$$= \frac{2}{3/2} + C = \frac{(\ln x)^{3/2}}{3/2} + C$$

$$= \frac{1}{3/2} + C = \frac{(\ln x)^{3/2}}{3/2} + C$$

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