1 Hawan : (Sin (2x) dx

Penerus.

$$\begin{aligned} &\sin(2x)dx = \sin(2x) \frac{1}{2} 2dx = \sin(2x) \frac{1}{2} \frac{1}{4x}(2x)dx = \sin(2x) \frac{1}{2} dx \\ &= \frac{1}{2} \sin(2x) d(2x) = \frac{1}{2} (1) (-\sin(2x)) d(2x) = \frac{1}{2} (1) \frac{1}{4(2x)} (\cos(2x)) d(2x) = \\ &= \frac{1}{2} (1) \cos(2x) = -\frac{1}{2} d\cos(2x) = \frac{1}{4 \cos(2x)} (\cos(2x)) d\cos(2x) = \\ &= d(-\frac{1}{2} \cos(2x)) \end{aligned}$$

Musepea:

$$\frac{d}{dx}\left(-\frac{1}{2}\cos(2x) + C\right) = \frac{d}{dx}\left(-\frac{1}{2}\cos(2x)\right) = \frac{1}{2}\left(-\frac{1}{2}\cos(2x)\right) = \frac{1}{2}\left(\cos(2x)\right) + \frac{1}{2}\cos(2x)\left(-\frac{1}{2}\cos(2x)\right) = \frac{1}{2}\left(\cos(2x)\right) + \frac{1}{2}\cos(2x)\left(-\frac{1}{2}\cos(2x)\right) = \frac{1}{2}\left(\cos(2x)\right) + \frac{1}{2}\cos(2x)\right) = \frac{1}{2}\left(\cos(2x)\right) + \frac{1}{2}\cos(2x) = \frac{1}{2}\left(\cos(2x)\right) + \frac{1}{2}\cos(2x)\right) = \frac{1}{2}\left(\cos(2x)\right) + \frac{1}{2}\cos(2x)$$

Omben:
$$\int \sin(sx)dx = -\frac{1}{z}\cos(sx) + C$$