$$\frac{2}{\sqrt{n} \left(1+\sqrt{n}\right)} dn = 2 \int \frac{2}{2\sqrt{n}} \left(1+\sqrt{n}\right)^{-1} dn = 4 \ln\left(1+\sqrt{n}\right) + K$$

$$\rightarrow \int e^{-n} dn = -e^{-n} + K$$

$$\Rightarrow \int e^{n^2} \cdot n \, dn = \frac{1}{2} \int e^{n^2} \cdot 2n \, dn = \frac{1}{2} e^{n^2} + K$$

$$\Rightarrow \int 2n \cos n^2 \, dn = \int \int e^{n^2} \cdot 2n \, dn = \int$$

$$\frac{1}{n \cos^2 \ln n} dn = \int \cos^{-2} (\ln n) \cdot D (\ln n) dn = \frac{1}{n \cos^2 \ln n} dn = \int \left[ \frac{1}{\sin^2 2n} + \frac{\sin^2 n}{\sin^2 2n} \right] dn = \frac{1}{n \sin^2 2n} \int \sin^{-2} (2n) \cdot 2 dn + \int \frac{\sin^3 n}{\ln \sin^2 n \cos^2 n} dn = \frac{1}{n \cos^2 n} \int \frac{1}{n \cos^2 n} dn = \frac{$$

$$= \frac{1}{5} \text{ or crew } n + k$$

$$= \int \frac{1}{\sqrt{n} + n \sqrt{n}} dn = \int \frac{1}{\sqrt{n}} \cdot \frac{1}{\sqrt{(\sqrt{n})^2 + 1}} dn = 2 \int \frac{1}{2\sqrt{n}} \cdot \frac{1}{1 + (\sqrt{n})^2} dn =$$

$$\frac{1}{9 + 4n^{2}} dn = \frac{1}{3} \int \frac{2}{3} \cdot \frac{1}{[1 + (2/3n)^{2}]} = \frac{1}{3} \operatorname{andom}(2/3n) + K = \frac{1}{9 + 4n^{2}} dn = \frac{1}{4} \int (4n^{2} + 9)^{-1} \cdot 8n dn = \frac{1}{4} \operatorname{ln}(4n^{2} + 9) + K =$$