

<https://drive.google.com/file/d/0B8J0hsHORTfVT01ncVNNLXhSOHM/edit?usp=sharing>

$$1) \int \frac{x^2 + 3x}{\sqrt{x+4}} dx$$

$$2) \int \frac{2z - 3}{\sqrt{1 - z^2}} dz$$

$$3) \int \frac{dx}{\sqrt{x^2 + 4x + 5}}$$

$$4) \int \frac{dt}{t^2 \sqrt{t^2 - 1}}$$

$$5) \int \frac{dx}{(x^2 + 4)^{3/2}}$$

