

you need to be able to finish these in less than a minute . . . .

1.

$$\int e^x dx =$$

2.

$$\int \sec^2 x dx =$$

3.

$$\int \sec x \tan x dx =$$

4.

$$\int \sin x dx =$$

5.

$$\int \cos x dx =$$

6.

$$\int 5 dx =$$

7.

$$\int \frac{1}{\sqrt[4]{x}} dx =$$

8.

$$\int \frac{1}{x} dx =$$

9.

$$\int \frac{1}{x^2} dx =$$

10.

$$\int \frac{1}{x\sqrt{x^2-1}} dx =$$

11.

$$\int \frac{1}{1+x^2} dx =$$

12.

$$\int \frac{1}{\sqrt{1-x^2}} dx =$$