

Review Quiz A

10 pts.

Name: _____

Per.: _____

① $\frac{d}{dx} [a^x] =$ _____

② $\frac{d}{dx} [\cot x] =$ _____

③ $\frac{d}{dx} [\ln x] =$ _____

④ $\frac{d}{dx} [\arcsin x] =$ _____

⑤ $\frac{d}{dx} [\cos x] =$ _____

⑥ $\int \tan x \, dx =$ _____

⑦ $\int dx =$ _____

⑧ $\int e^x \, dx =$ _____

⑨ $\int \frac{1}{x^2+4} \, dx =$ _____

⑩ $\int \frac{1}{x} \, dx =$ _____

Review Quiz B

10 pts.

Name: _____

Per.: _____

① $\frac{d}{dx} [\log_a x] =$ _____

② $\frac{d}{dx} [\csc x] =$ _____

③ $\frac{d}{dx} [e^x] =$ _____

④ $\frac{d}{dx} [\operatorname{arcsec} x] =$ _____

⑤ $\frac{d}{dx} [\sin x] =$ _____

⑥ $\int \cot x \, dx =$ _____

⑦ $\int x \, dx =$ _____

⑧ $\int \pi \, dx =$ _____

⑨ $\int \frac{1}{\sqrt{4-x^2}} \, dx =$ _____

⑩ $\int a^x \, dx =$ _____