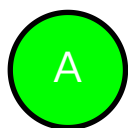


## 1.5 随堂测验

总分：3

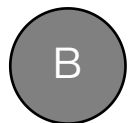
\*此封面页请勿删除，删除后将无法上传至试卷库，添加菜单栏任意题型即可制作试卷。本提示将在上传时自动隐藏。

$$\int \frac{dx}{(x+1)^{10}} =$$



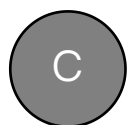
A

$$-\frac{1}{9(x+1)^9} + C$$



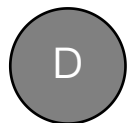
B

$$-\frac{1}{10(x+1)^9} + c$$



C

$$-\frac{9}{(x+1)^9} + c$$



D

$$-\frac{10}{(x+1)^9} + c$$

若函数  $f'(x) = \frac{1}{\sqrt{x}}$  ,  $(x>0)$  ,  
 则  $f(x) =$

A

$$\sqrt{x}$$

B

$$2\sqrt{x}$$

C

$$\sqrt{x} + c$$

D

$$2\sqrt{x} + c$$

若 $f(x)$ 的一个原函数是 $\sin x - x^2$ ，则 $f'(x) =$

- A  $\cos x - 2x$
- B  $\sin x - 2$
- C  $-\sin x - 2$
- D  $-\sin x - 2 + C$