Vegyes integrálás

a. $\int \cos\left(3x+\frac{\pi}{4}\right)dx =$

b. $\int \sin(\pi-2x)dx =$

c. $\int \frac{1}{(x+1)^2}dx =$

d. $\int \frac{x^2+2x}{(x+1)^2}dx =$

e. $\int \frac{1}{(1-3x)^5}dx =$

f. $\int \sqrt{x+8}\,dx =$

g. $\int \frac{5}{\sqrt{1-x}}dx =$

h. $\int \frac{2}{\sqrt{3x+1}}dx =$

i. $\int \frac{2x^2}{\sqrt{3-5x^3}}dx =$

j. $\int \frac{2x}{(x^2+1)}dx =$

k. $\int x\cdot\cos\left(x^2\right)dx =$

l. $\int 6x^2\cdot\sqrt{x^3+2}\,dx =$

m. $\int \sin^{55}x\cdot\cos x\,dx =$

n. $\int \frac{\sin^6 x}{\cos^8 x}dx =$

o. $\int \frac{-\sin 2x}{1+\cos^2 x}\,dx =$

p. $\int \sin x\cdot\cos x\cdot\frac{e^{\cos^2 x}}{e^{\sin^2 x}}dx =$

q. $\int\left(e^x\right)^2 dx =$

r. $\int \frac{\cos 2x}{\sin^2 2x}dx =$

s. $\int e^{-2x^2+3}\cdot x\,dx =$

t. $\int x^2\cdot\cos\left(5x^3-2\right)dx =$

u. $\int \frac{5\cos x}{3\cdot\sqrt[3]{\sin^2 x}}dx =$

v. $\int \frac{\cos\left(\sqrt{x}+1\right)}{\sqrt{x}}dx =$

w. $\int \frac{3\cdot e^x}{2-e^x}dx =$

x. $\int \frac{\sqrt[3]{3+tgx}}{\cos^2 x}dx =$

y. $\int \frac{3\cdot\cos x}{\sqrt{\sin x+3}}dx =$

z. $\int 4\cdot\sin 5x\cdot\cos 5x\,dx =$

zs. $\int\left(\sin 3x+\cos 3x\right)^2 dx =$

1. $\int \frac{\cos 4x}{\sin 2x - \cos 2x}\, dx =$
2. $\int e^{3x+1}\, dx =$
3. $\int x \cdot e^{-x^2}\, dx =$
4. $\int \sin 8x\, dx =$
5. $\int x \cdot \sin x^2\, dx =$
6. $\int \frac{\cos \ln x}{x}\, dx =$
7. $\int \cos^3 x \cdot \sin^4 x\, dx =$
8. $\int \cos x \cdot \sin^4 x\, dx =$
9. $\int x \cdot \sqrt[4]{2 - 3x^2}\, dx =$
10. $\int \sin^3 x\, dx =$