Bestemt integrale

Bestem integralet

$$\int_0^1 \left(8 \cdot x^3 - e^x\right)\, dx$$

$f(x)$	$F(x)$	
k	$k \cdot x + C$	(1)
$k \cdot x$	$k \cdot \frac{1}{2} \cdot x^2 + C$	(2)
x^n	$\frac{1}{n+1} \cdot x^{n+1} + C$	(3)
e^x	$e^x + C$	(4)
$\frac{1}{x}$	$\ln(x) + C$	(5)
$\sqrt{x}$	$\frac{2}{3}x^{3/2} + C$	(6)

Bestem integralet

$$\int_0^1 \left(8 \cdot x^3 - e^x\right)\, dx$$

Hvert led integreres for sig.

$f(x)$	$F(x)$	
k	$k \cdot x + C$	(1)
$k \cdot x$	$k \cdot \frac{1}{2} \cdot x^2 + C$	(2)
x^n	$\frac{1}{n+1} \cdot x^{n+1} + C$	(3)
e^x	$e^x + C$	(4)
$\frac{1}{x}$	$\ln(x) + C$	(5)
$\sqrt{x}$	$\frac{2}{3}x^{3/2} + C$	(6)

Bestemt integrale

Bestem integralet

$$\int_0^1 \left(8 \cdot x^3 - e^x\right)\, dx$$

Hvert led integreres for sig.

$$\int (8 \cdot x^3)\, dx$$

$f(x)$	$F(x)$	
k	$k \cdot x + C$	(1)
$k \cdot x$	$k \cdot \frac{1}{2} \cdot x^2 + C$	(2)
x^n	$\frac{1}{n+1} \cdot x^{n+1} + C$	(3)
e^x	$e^x + C$	(4)
$\frac{1}{x}$	$\ln(x) + C$	(5)
$\sqrt{x}$	$\frac{2}{3}x^{3/2} + C$	(6)

Bestemt integrale

Bestem integralet

$$\int_0^1 \left(8 \cdot x^3 - e^x\right)\, dx$$

Hvert led integreres for sig.

$$\int (8 \cdot x^3)\, dx = 8 \cdot \frac{1}{1+3} \cdot x^{1+3} + C$$

$f(x)$	$F(x)$	
k	$k \cdot x + C$	(1)
$k \cdot x$	$k \cdot \frac{1}{2} \cdot x^2 + C$	(2)
x^n	$\frac{1}{n+1} \cdot x^{n+1} + C$	(3)
e^x	$e^x + C$	(4)
$\frac{1}{x}$	$\ln(x) + C$	(5)
$\sqrt{x}$	$\frac{2}{3}x^{3/2} + C$	(6)

Bestem integralet

$$\int_0^1 \left(8 \cdot x^3 - e^x\right)\, dx$$

Hvert led integreres for sig.

$$\int (8 \cdot x^3)\, dx \;=\; 8 \cdot \frac{1}{4} \cdot x^4 + C$$

$f(x)$	$F(x)$	
k	$k \cdot x + C$	(1)
$k \cdot x$	$k \cdot \frac{1}{2} \cdot x^2 + C$	(2)
x^n	$\frac{1}{n+1} \cdot x^{n+1} + C$	(3)
e^x	$e^x + C$	(4)
$\frac{1}{x}$	$\ln(x) + C$	(5)
$\sqrt{x}$	$\frac{2}{3}x^{3/2} + C$	(6)

Bestemt integrale

Bestem integralet

$$\int_0^1 \left(8 \cdot x^3 - e^x\right)\, dx$$

Hvert led integreres for sig.

$$\int (8 \cdot x^3)\, dx \;=\; 2 \cdot x^4 + C$$

$f(x)$	$F(x)$	
k	$k \cdot x + C$	(1)
$k \cdot x$	$k \cdot \frac{1}{2} \cdot x^2 + C$	(2)
x^n	$\frac{1}{n+1} \cdot x^{n+1} + C$	(3)
e^x	$e^x + C$	(4)
$\frac{1}{x}$	$\ln(x) + C$	(5)
$\sqrt{x}$	$\frac{2}{3}x^{3/2} + C$	(6)

Bestemt integrale

Bestem integralet

$$\int_0^1 \left(8 \cdot x^3 - e^x\right)\, dx$$

Hvert led integreres for sig.

$$\int (8 \cdot x^3)\, dx = 2 \cdot x^4 + C$$

$$\int (-e^x)\, dx =$$

$f(x)$	$F(x)$	
k	$k \cdot x + C$	(1)
$k \cdot x$	$k \cdot \frac{1}{2} \cdot x^2 + C$	(2)
x^n	$\frac{1}{n+1} \cdot x^{n+1} + C$	(3)
e^x	$e^x + C$	(4)
$\frac{1}{x}$	$\ln(x) + C$	(5)
$\sqrt{x}$	$\frac{2}{3}x^{3/2} + C$	(6)

Bestem integralet

$$\int_0^1 \left(8 \cdot x^3 - e^x\right)\, dx$$

Hvert led integreres for sig.

$$\int (8 \cdot x^3)\, dx \;=\; 2 \cdot x^4 + C$$

$$\int (-e^x)\, dx \;=\; - e^x + C$$

$f(x)$	$F(x)$	
k	$k \cdot x + C$	(1)
$k \cdot x$	$k \cdot \frac{1}{2} \cdot x^2 + C$	(2)
x^n	$\frac{1}{n+1} \cdot x^{n+1} + C$	(3)
e^x	$e^x + C$	(4)
$\frac{1}{x}$	$\ln(x) + C$	(5)
$\sqrt{x}$	$\frac{2}{3}x^{3/2} + C$	(6)

Bestem integralet

$$\int_0^1 \left(8 \cdot x^3 - e^x\right)\, dx$$

Hvert led integreres for sig.

$$\int (8 \cdot x^3)\, dx = 2 \cdot x^4 + C$$

$$\int (-e^x)\, dx = -e^x + C$$

$$\int_0^1 \left(8 \cdot x^3 - e^x\right)\, dx$$

$f(x)$	$F(x)$	
k	$k \cdot x + C$	(1)
$k \cdot x$	$k \cdot \frac{1}{2} \cdot x^2 + C$	(2)
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Bestem integralet

$$\int_0^1 \left(8 \cdot x^3 - e^x\right)\, dx$$

Hvert led integreres for sig.

$$\int (8 \cdot x^3)\, dx = 2 \cdot x^4 + C$$

$$\int (-e^x)\, dx = -e^x + C$$

$$\int_0^1 \left(8 \cdot x^3 - e^x\right)\, dx = \left[2 \cdot x^4 - e^x\right]_0^1 =$$

$f(x)$	$F(x)$	
k	$k \cdot x + C$	(1)
$k \cdot x$	$k \cdot \frac{1}{2} \cdot x^2 + C$	(2)
x^n	$\frac{1}{n+1} \cdot x^{n+1} + C$	(3)
e^x	$e^x + C$	(4)
$\frac{1}{x}$	$\ln(x) + C$	(5)
$\sqrt{x}$	$\frac{2}{3}x^{3/2} + C$	(6)

Bestemt integrale

Bestem integralet

$$\int_0^1 \left(8 \cdot x^3 - e^x\right)\, dx$$

Hvert led integreres for sig.

$$\int (8 \cdot x^3)\, dx = 2 \cdot x^4 + C$$

$$\int (-e^x)\, dx = -e^x + C$$

$$\int_0^1 \left(8 \cdot x^3 - e^x\right)\, dx = \left[2 \cdot x^4 - e^x\right]_0^1 =$$

$$(2 \cdot 1^4 - e^1) - (2 \cdot 0^4 - e^0) =$$

$f(x)$	$F(x)$	
k	$k \cdot x + C$	(1)
$k \cdot x$	$k \cdot \frac{1}{2} \cdot x^2 + C$	(2)
x^n	$\frac{1}{n+1} \cdot x^{n+1} + C$	(3)
e^x	$e^x + C$	(4)
$\frac{1}{x}$	$\ln(x) + C$	(5)
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Bestem integralet

$$\int_0^1 \left(8 \cdot x^3 - e^x\right)\, dx$$

Hvert led integreres for sig.

$$\int (8 \cdot x^3)\, dx = 2 \cdot x^4 + C$$

$$\int (-e^x)\, dx = -e^x + C$$

$$\int_0^1 \left(8 \cdot x^3 - e^x\right)\, dx = \left[2 \cdot x^4 - e^x\right]_0^1 =$$

$$(2 \cdot 1^4 - e^1) - (2 \cdot 0^4 - e^0) = (2 - e) - (-1) =$$

$f(x)$	$F(x)$	
k	$k \cdot x + C$	(1)
$k \cdot x$	$k \cdot \frac{1}{2} \cdot x^2 + C$	(2)
x^n	$\frac{1}{n+1} \cdot x^{n+1} + C$	(3)
e^x	$e^x + C$	(4)
$\frac{1}{x}$	$\ln(x) + C$	(5)
$\sqrt{x}$	$\frac{2}{3}x^{3/2} + C$	(6)

Bestemt integrale

Bestem integralet

$$\int_0^1 \left(8 \cdot x^3 - e^x\right)\, dx$$

Hvert led integreres for sig.

$$\int (8 \cdot x^3)\, dx = 2 \cdot x^4 + C$$

$$\int (-e^x)\, dx = -e^x + C$$

$$\int_0^1 \left(8 \cdot x^3 - e^x\right)\, dx = \left[2 \cdot x^4 - e^x\right]_0^1 =$$

$$(2 \cdot 1^4 - e^1) - (2 \cdot 0^4 - e^0) = (2 - e) - (-1) = 3 - e$$

$f(x)$	$F(x)$	
k	$k \cdot x + C$	(1)
$k \cdot x$	$k \cdot \frac{1}{2} \cdot x^2 + C$	(2)
x^n	$\frac{1}{n+1} \cdot x^{n+1} + C$	(3)
e^x	$e^x + C$	(4)
$\frac{1}{x}$	$\ln(x) + C$	(5)
$\sqrt{x}$	$\frac{2}{3}x^{3/2} + C$	(6)