Berechnung von Stammfunktionen

	Funktion f(x)	Stammfunktion F(x)
1.	$f(x) = ½ x^2$	$F(x) = 1/6x^3 + C$
2.	$f(x) = x^3$	$F(x) = ¼ x^4 + C$
3.	$f(x) = x^n$	$F(x) = [1/(n+1)]x^{n+1} + C$
4.	$f(x) = x^3+2x^2-1$	$F(x) = ¼ x^4 + 1/3*2x^3 - 1x + C$
5.	$f(x) = 4$	$F(x) = 4x + C$
6.	$f(x) = -¼ x$	$F(x) = - 1/8x^2 + C$
7.	$f(x) = 3x^2+2$	$F(x) = 1/3*3x^3 + 2x + C$
8.	$f(x) = 2x$	$F(x) = x^2 + C$
9.	$f(x) = \sin(x)$	$F(x) = - \cos(x) + C$
10.	$f(x) = 3x^2-2x+4$	$F(x) = 1/3*3x^3- x^2 + 4x + C$
11.	$f(x) = (3x – 4\sin(x) + 3\cos(x))$	$F(x) = 3/2x^2 + 4\cos(x) + 3 \sin(x) + C$
12.	$f(x) = x^9/7$	$F(x) = x^{10}/70 + C$