



Mathematik-Übungsblatt mit Lösungen von www.worksheeps.de / www.mathe-aufgaben.net
Mathe-Aufgaben mit Lösungen einfach schnell selbst erstellen.

Faktoren

1) $f(x) = 16x^{10} + 7x^{25} + (-10)x^{31} + (-18)x^{39} + (-9)$

$$F_c(x) = \frac{16}{11}x^{11} + \frac{7}{26}x^{26} + \frac{-5}{16}x^{32} + \frac{-9}{20}x^{40} + (-9)x + c$$

2) $f(x) = 1x^{-14}$

$$F_c(x) = \frac{-1}{13}x^{-13} + c$$

3) $f(x) = (-19)x - e^x$

$$F_c(x) = \frac{-19}{2}x^2 - e^x + c$$

4) $f(x) = (-6)x^{-41}$

$$F_c(x) = \frac{3}{20}x^{-40} + c$$

5) $f(x) = 4x^{-3}$

$$F_c(x) = \frac{-2}{1}x^{-2} + c$$

6) $f(x) = 3x - e^x$

$$F_c(x) = \frac{3}{2}x^2 - e^x + c$$

7) $f(x) = (-15)x^{13} + (-12)$

$$F_c(x) = \frac{-15}{14}x^{14} + (-12)x + c$$

8) $f(x) = (-7)x^{11} + 4x^{20} + 5x^{29} + 6x^{48} + 3$

$$F_c(x) = \frac{-7}{12}x^{12} + \frac{4}{21}x^{21} + \frac{1}{6}x^{30} + \frac{6}{49}x^{49} + 3x + c$$

9) $f(x) = 1x^{-44}$

$$F_c(x) = \frac{-1}{43}x^{-43} + c$$

10) $f(x) = (-20)x^{12} + 19x^{19} + (-6)x^{26} + (-10)x^{43} + (-13)$

$$F_c(x) = \frac{-20}{13}x^{13} + \frac{19}{20}x^{20} + \frac{-2}{9}x^{27} + \frac{-5}{22}x^{44} + (-13)x + c$$