Primitiveren oefening 2 Antwoorden

1. $H(x) = -\ln|1-x|$
2. $K(x) = 2\sqrt{x-1}$
3. $G(x) = \frac{1}{2}.\ln|2x+4|$
4. $D(x) = \frac{-1}{x-1}$
5. $H(x) = \ln|3x-2|$
6. $P(x) = -\ln|1-x^2|$
7. $L(x) = \ln|x^3+3|$
8. $M(x) = \frac{-1}{x^2+1}$
9. $F(x) = (-2x-1)e^{-x}$
10. $F(x) = (3x-1).e^{x}$
11. $F(x) = (3x^2-8x+13).e^{x}$
12. $F(x) = (3x^3-11x^2+23x-21).e^{x}$
13. $F(x) = (1\frac{1}{2}x+\frac{1}{4}).e^{2x}$
14. $F(x) = (1\frac{1}{2}x^2-2\frac{1}{2}x+3,75).e^{2x}$
15. $F(x) = \ln|x^4-2x|$
16. $F(x) = \frac{1}{3}(2x+3)^3.\frac{1}{2}$
17. $G(x) = -3.(3x)^{-1}.\frac{1}{3} = \frac{-1}{3x}$
18. $H(x) = \frac{-2}{3}\cos(3x)$
19. $K(x) = \frac{1}{3,5}x^{3,5} + \frac{1}{0,5}x^{0,5} - \frac{1}{-0,5}x^{-0,5}$
20. $F(x) = -3\cdot\frac{1}{3}x^3 + 2\cdot\frac{1}{2}x^2 + c = -x^3 + x^2 + c$
21. $G(x) = \frac{1}{3}(x+\sqrt{2})^3 - \frac{1}{5}x^5 + c$
22. $H(x) = 2\cdot -1x^{-1} + 3\cdot -\frac{1}{2}x^{-2} + c = -\frac{2}{x} - \frac{3}{2x^2} + c$