Opgave 388

Opgave a

$$\int 5^x - x^2 + 4x^3 \, dx = \frac{5^x}{\ln(5)} + x^4 - \frac{x^3}{3} + K$$

Opgaev b

$$\int e^x + 2^x \, dx = e^x + \frac{2^x}{\ln(2)} + K$$

Opgave C

$$\int \log(x) + 4 \, dx = \frac{x \cdot \ln(x) - x}{\ln(10)} + 4x + K$$

Opgave D

$$\int \ln(x) - 2x + x^{-1} dx = \ln(x) + x \cdot \ln(x) - x^2 - x + K$$

Opgave E

$$\int_0^2 e^x \, dx = 6{,}389056$$

Opgave F

$$\int_3^4 \ln x \, dx \approx 1{,}249341$$

Opgave g

$$\int_0^2 3^x \, dx \approx 7{,}281914$$

Opgave h

$$\int_3^4 \log x \, dx \approx 0{,}5425817$$