Opgave 031

$$O31$$

$$\int \alpha^n \, dx = \frac{1}{n+1} x^{n+1} + k \qquad n = -1$$

$$\left(\int x^n \, dx\right)' = \left(\frac{1}{n+1} x^{n+1} + k\right)'$$

$$x^n = \frac{1}{n+1} (n+1) x^{n+1-1} + 0$$

$$x^n = x^n$$