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### Opgave 031

031

$$\int x^n dx = \frac{1}{n+1} x^{n+1} + K \quad n = -1$$

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

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

$$x^n = x^n$$