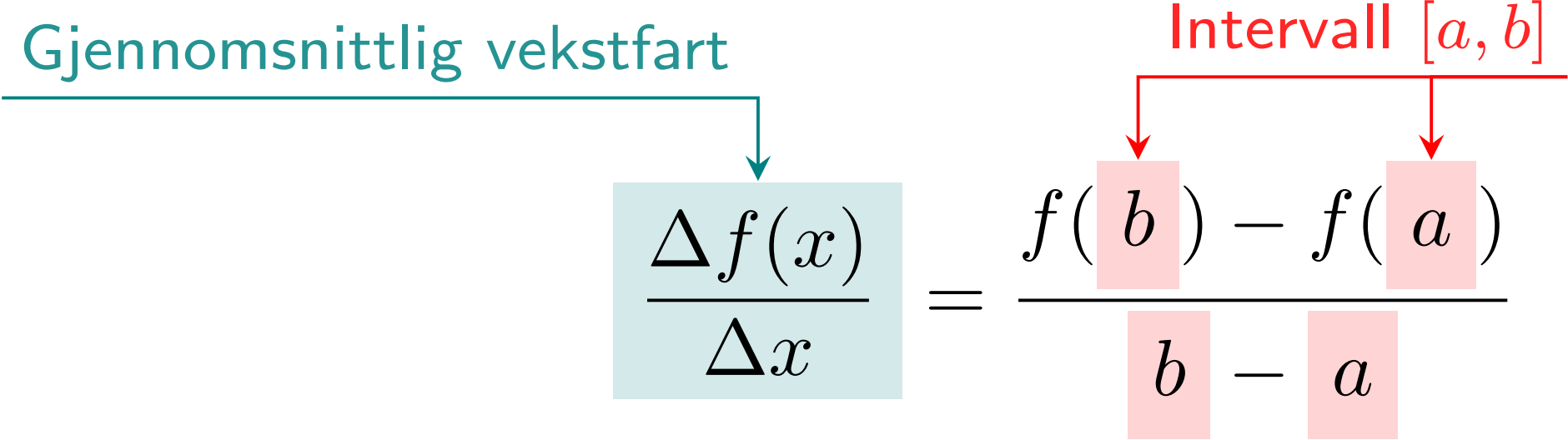


Gjennomsnittlig vekstfart



The diagram illustrates the concept of average rate of change. On the left, the text 'Gjennomsnittlig vekstfart' (Average rate of change) is written in teal. A teal arrow points from this text to a light blue rectangular box containing the formula $\frac{\Delta f(x)}{\Delta x}$. To the right of this box is an equals sign, followed by a fraction. The numerator of this fraction is $f(b) - f(a)$, where b and a are enclosed in light red boxes. A red line connects the text 'Intervall $[a, b]$ ' to these two boxes, with red arrows pointing down to each. The denominator of the fraction is $b - a$, where b and a are also enclosed in light red boxes.

$$\frac{\Delta f(x)}{\Delta x}$$

=

Intervall $[a, b]$

$$\frac{f(b) - f(a)}{b - a}$$