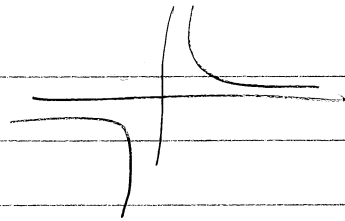


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$$f(x) = \frac{4}{x}$$

$$= 4x^{-1}$$

$$f'(x) = -4x^{-2}$$



$$f'(x) \text{ i punkt } (2, 2)$$

$$= -4 \cdot 2^{-2}$$

$$= \frac{-4}{4}$$

$$= -1$$

Tangentens ekvation i punkten  $(2, 2)$

$$y - y_1 = k(x - x_1)$$

$$y - 2 = -1(x - 2)$$

$$= -x + 2$$

$$y = -x + 4$$