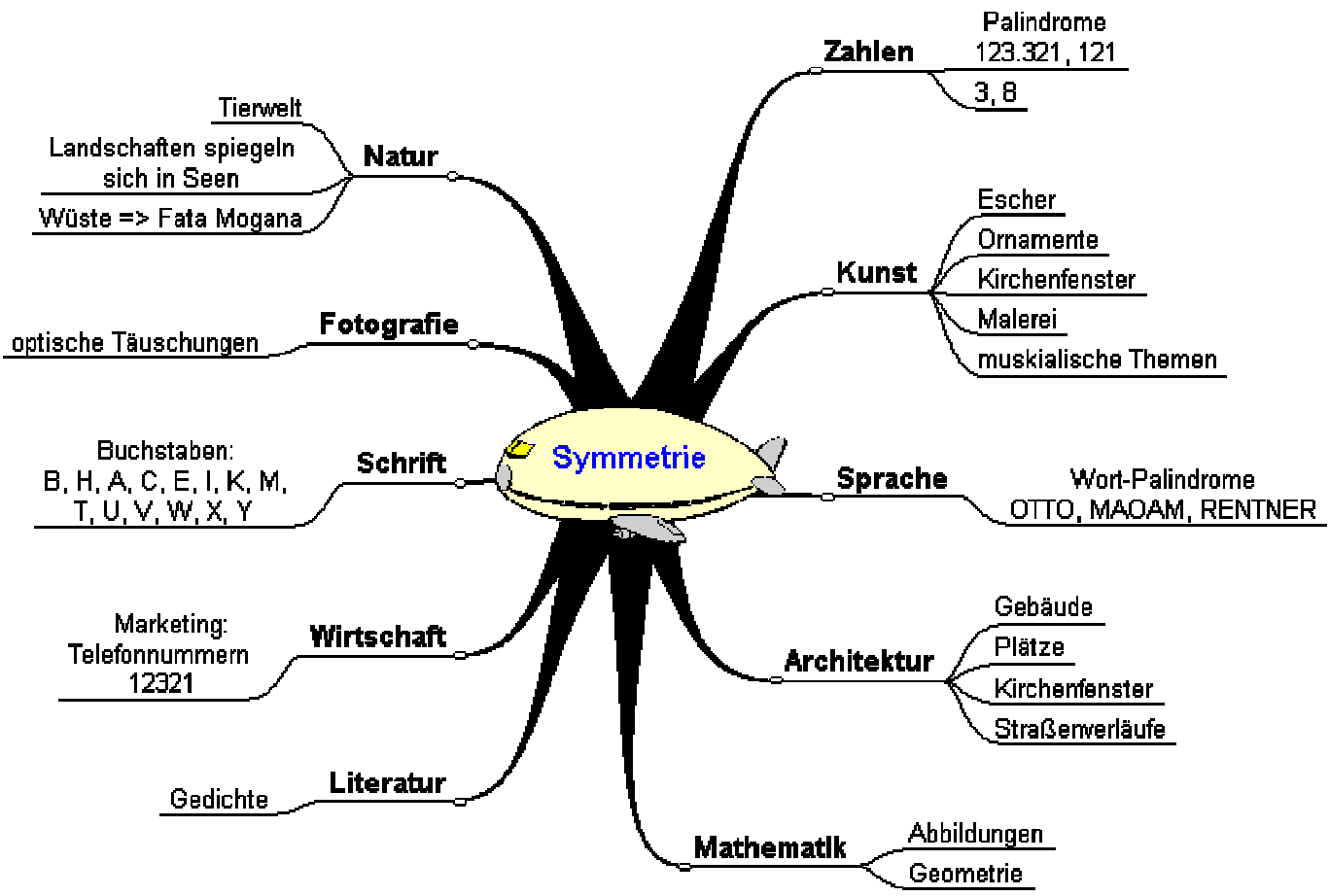
Symmetrie - Lösungen

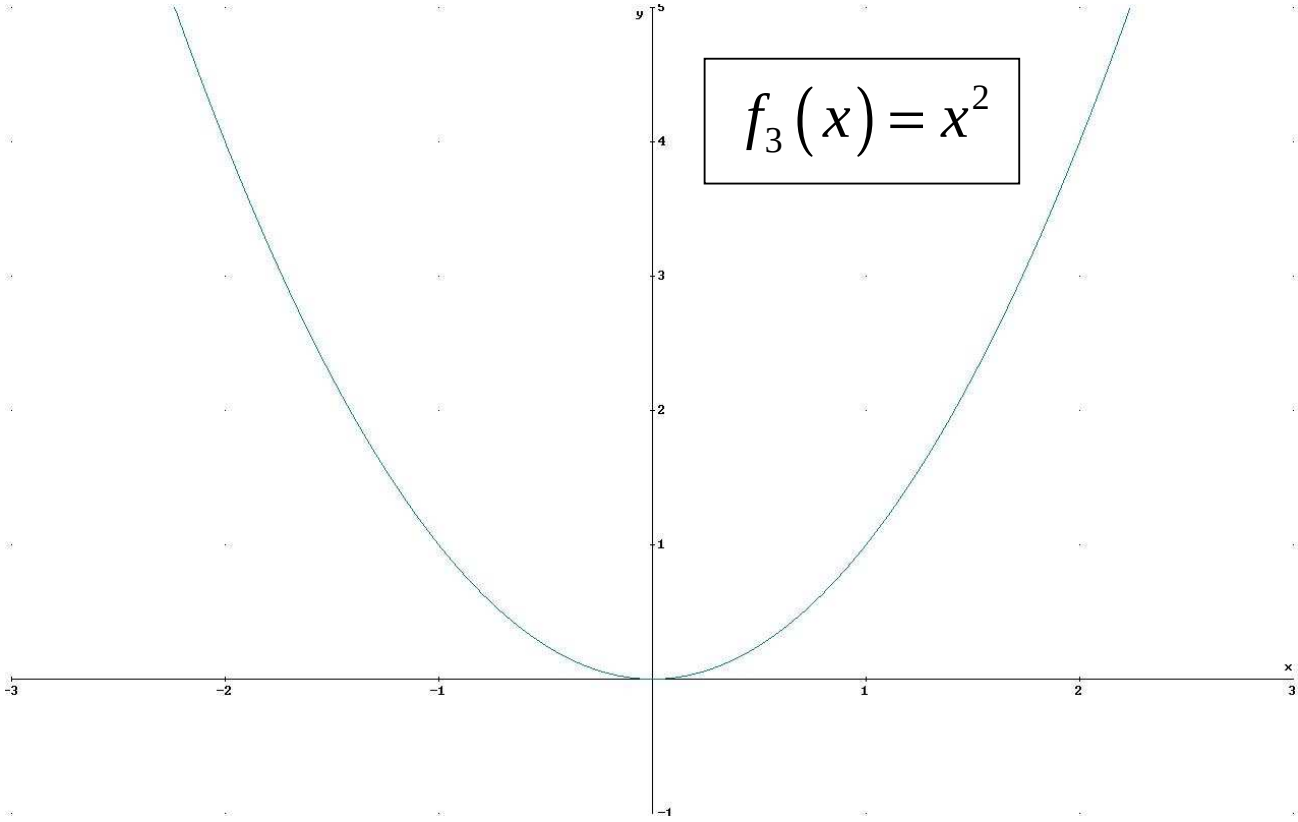


Gegeben sind die Schaubilder folgender Funktionen

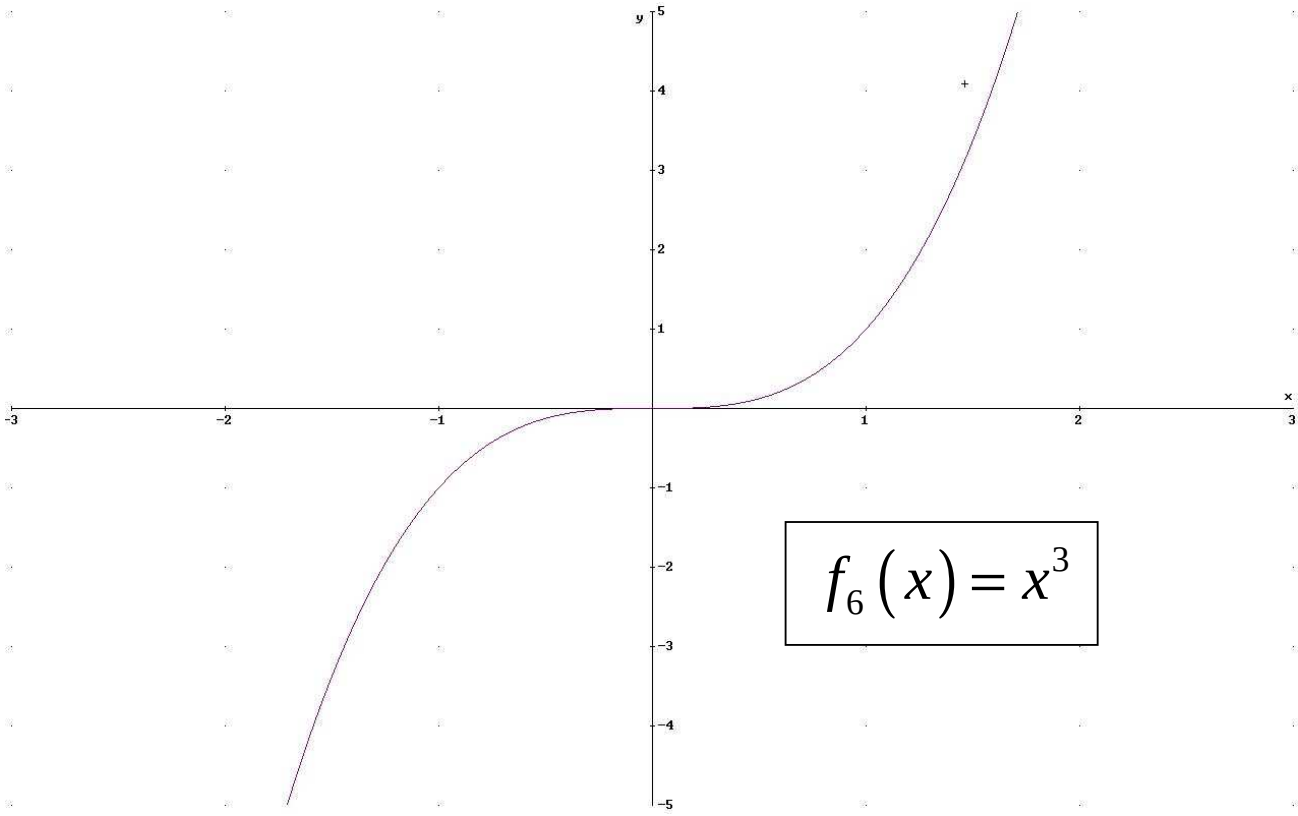
$$f_1(x)=\frac{\cos(x)}{x} \qquad f_2(x)=\frac{1}{x} \qquad f_3(x)=x^2$$

$$f_4(x)=x+\sin(x) \qquad f_5(x)=2-\frac{1}{x^2} \qquad f_6(x)=x^3$$

Arbeitsauftrag: Ordnen Sie die Schaubilder den Funktionen zu und vervollständigen Sie die Schaubilder gemäß ihren jeweiligen Symmetrieeigenschaften.

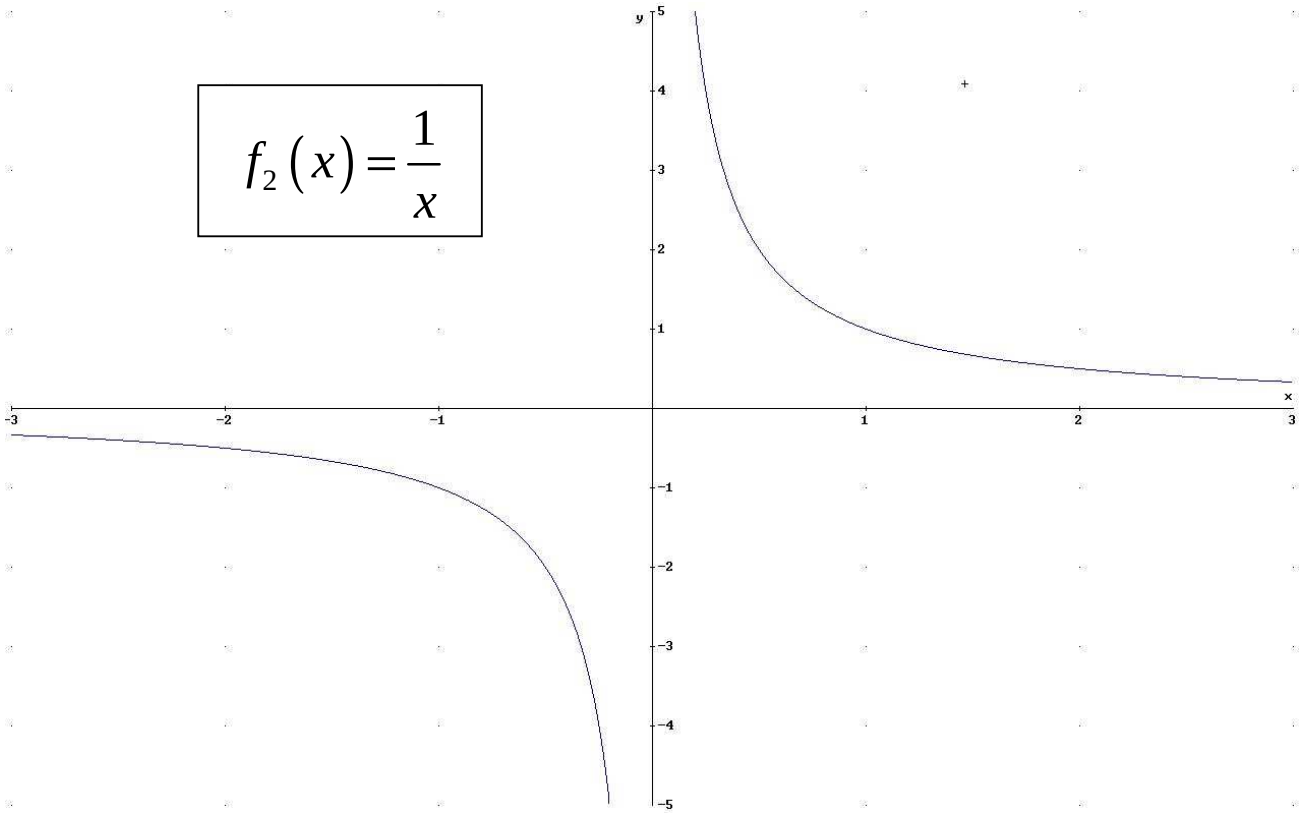


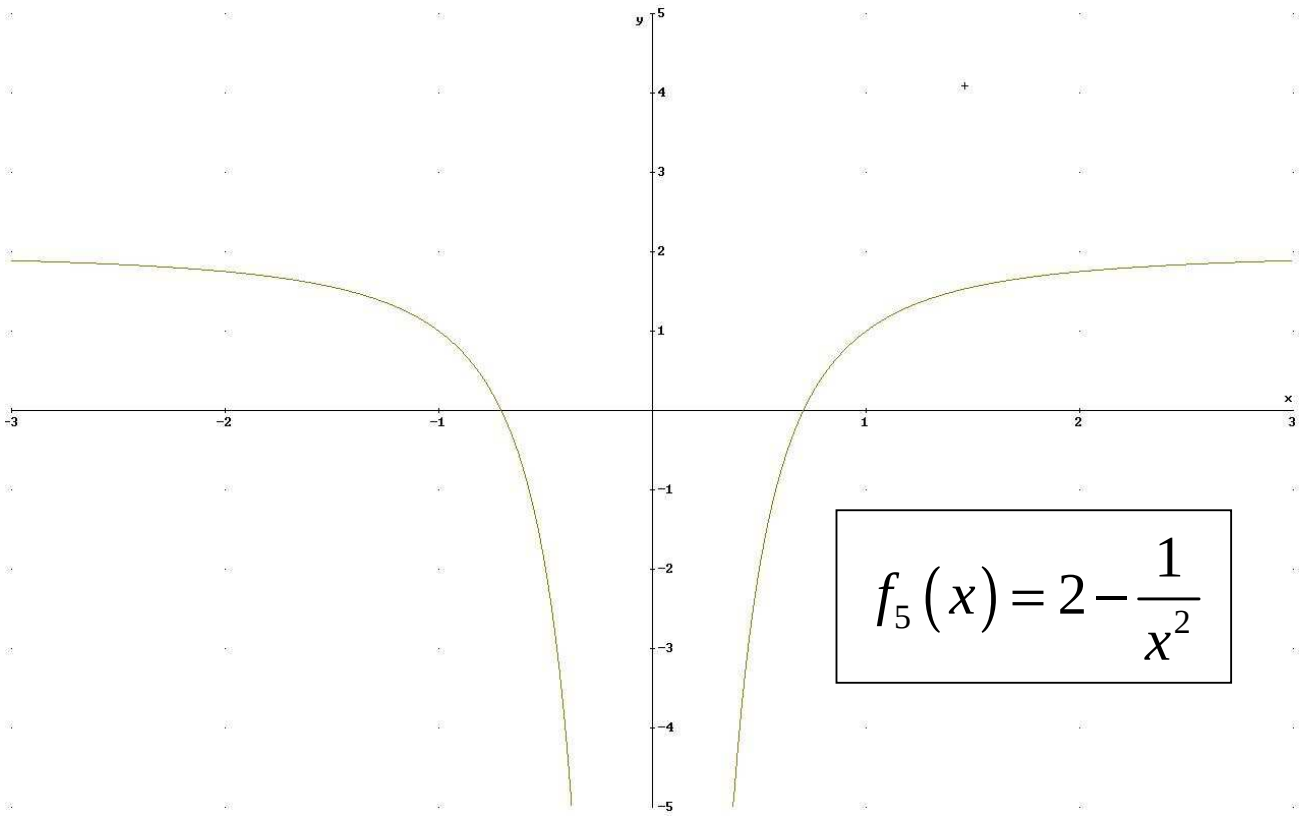
$$f_3(x) = x^2$$



$$f_6(x) = x^3$$

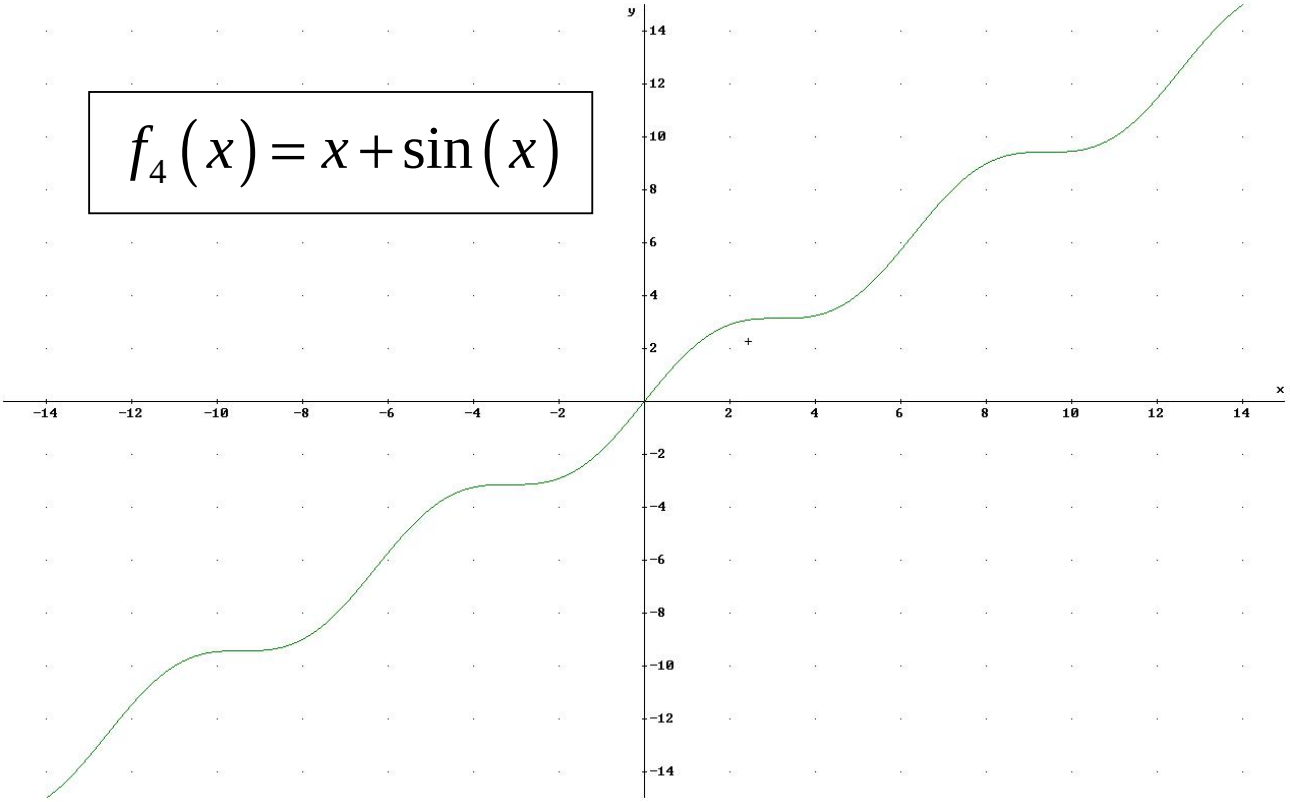
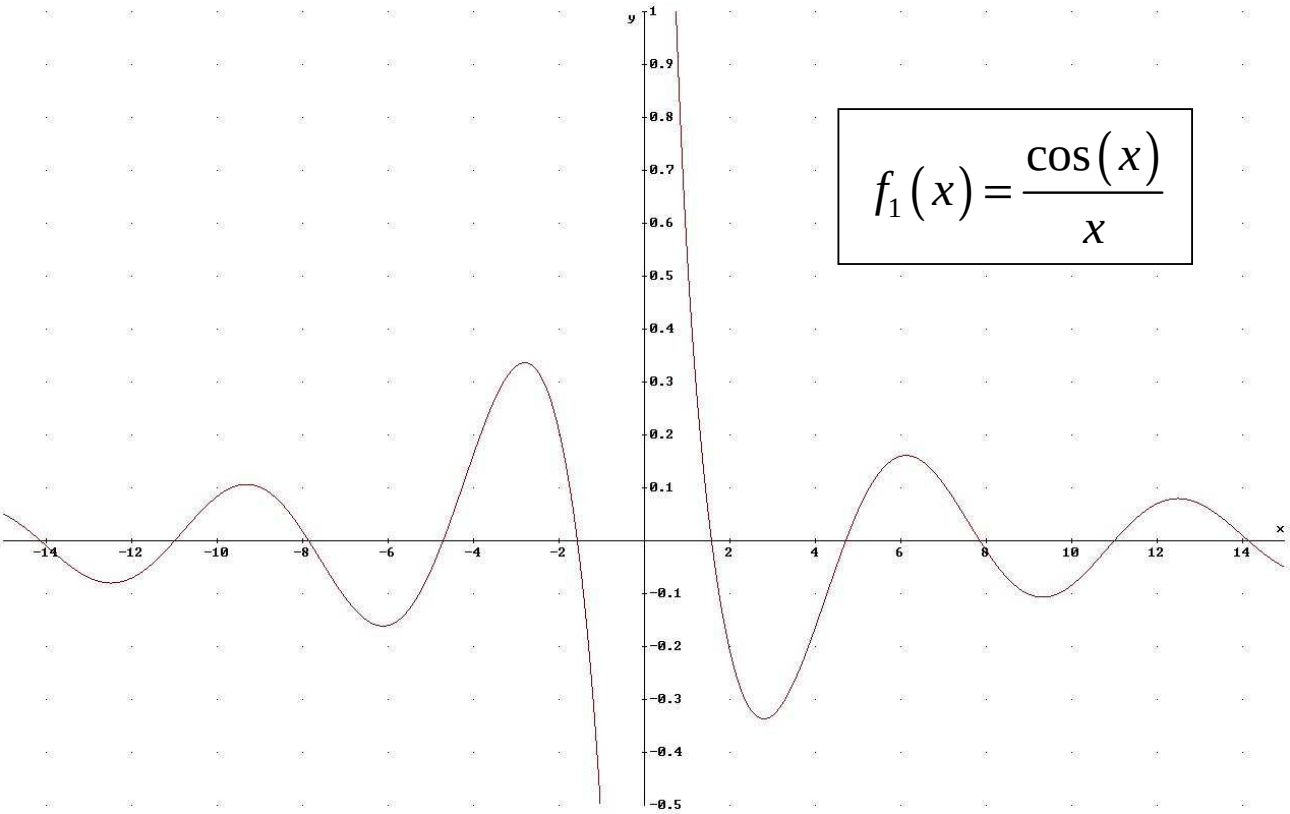
$$f_2(x)=\frac{1}{x}$$





$$f_5(x)=2-\frac{1}{x^2}$$

$$f_4(x) = x + \sin(x)$$



$$f_1(x) = \frac{\cos(x)}{x}$$