

## Beispiel 1

$$1 + 1 = 2$$

$$1.1 + 2.1 = 3.2$$

$$17 - 5 = 12$$

$$2^7 = 128$$

$$f(x) := 3x + 5$$

$$h(x) := 3x^2 - 4x - 5$$

$$f(x) = 0 \xrightarrow{\text{solve}, x} -\frac{5}{3}$$

$$f(x) = 3 \xrightarrow{\text{solve}, x} -\frac{2}{3}$$

$$\sqrt[7]{2} + \sqrt[5]{7} \rightarrow 7^{\frac{1}{5}} + 2^{\frac{1}{7}} = 2.58$$

$$\frac{7}{2} = 3.5$$

$$|-5| = 5$$

$$f(\sqrt{2}) \rightarrow 3 \cdot \sqrt{2} + 5 = 9.24$$

## Funktion g(x)

$$g(x) := 3x^2 - 4x + 5$$

$$\alpha := 60 \text{ deg} = 1.05$$

$$\cos(\alpha) = 0.5$$

$$\cos(\gamma_1) = 0.4 \xrightarrow{\text{solve}, \gamma_1} \begin{bmatrix} 1.1592794807274085998 \\ -1.1592794807274085998 \end{bmatrix} = \begin{bmatrix} 66.42 \\ -66.42 \end{bmatrix} \text{ deg}$$

$$x_1 := 5 \quad x_2 := 6 \quad x_1 + x_2 = 11$$

$$g(x_1) = 60$$

$$x_6 := 6$$

$$p(x) := 3x - 5$$

$$m(x) := 3x^2 - 4x + 5$$



