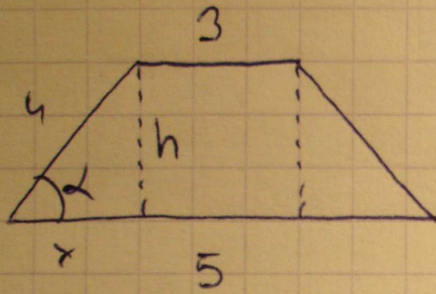


2AD



$$x = \frac{5-3}{2} = \frac{2}{2} = 1$$

$$\operatorname{tg} \alpha = ?$$

$$\operatorname{tg} \alpha = \frac{h}{x}$$

" h ? TK. PITAGORAS

$$h^2 = 4^2 - x^2$$

$$h^2 = 16 - 1$$

$$h = \sqrt{15}$$

$$\text{also } \operatorname{tg} \alpha = \frac{\sqrt{15}}{1} = \sqrt{15}$$

$$\sqrt{15} \approx 3,87 \rightarrow \alpha = 75^\circ 31'$$

das kosinusgesetz
benutzen & <