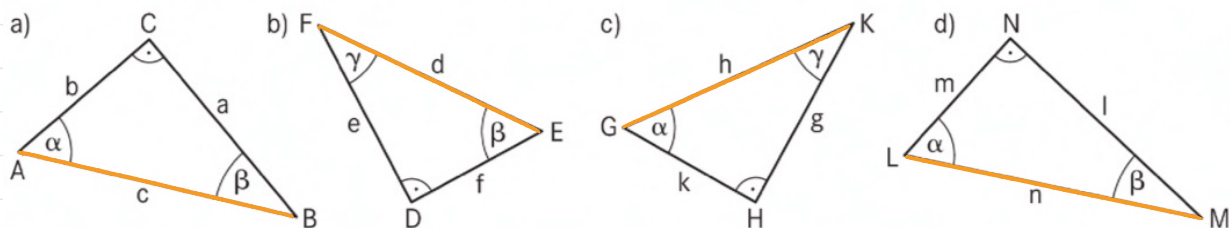


Gib sin und cos der Winkel α , β und γ an.



$$a) \quad \sin \alpha = \frac{a}{c} \quad \cos \alpha = \frac{b}{c} \quad \tan \alpha = \frac{a}{b}$$

$$\sin \beta = \frac{b}{c} \quad \cos \beta = \frac{a}{c} \quad \tan \beta = \frac{b}{a}$$

$$b) \quad \sin \gamma = \frac{f}{d} \quad \cos \gamma = \frac{e}{d} \quad \tan \gamma = \frac{f}{e}$$

$$\sin \beta = \frac{e}{d} \quad \cos \beta = \frac{f}{d} \quad \tan \beta = \frac{e}{f}$$

$$c) \quad \sin \alpha = \frac{g}{h} \quad \cos \alpha = \frac{k}{h} \quad \tan \alpha = \frac{g}{k}$$

$$\sin \gamma = \frac{k}{h} \quad \cos \gamma = \frac{g}{h} \quad \tan \gamma = \frac{k}{g}$$

$$d) \quad \sin \alpha = \frac{l}{n} \quad \cos \alpha = \frac{m}{n} \quad \tan \alpha = \frac{l}{m}$$

$$\sin \beta = \frac{m}{n} \quad \cos \beta = \frac{l}{n} \quad \tan \beta = \frac{m}{l}$$