

Trigonometriskās sakarības taisnleņķa trijstūrī.

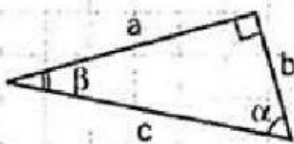
1.uzd. Ieraksti trūkstošos vārdus definīcijās!

Par leņķa sinusu sauc attiecību pret

Par leņķa kosinusu sauc attiecību pret

Par leņķa tangensu sauc attiecību pret

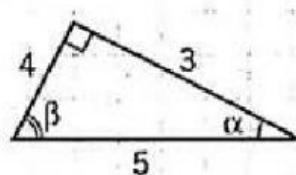
2.uzd. Uzraksti atbilstošās trijstūra malu attiecības!



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

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

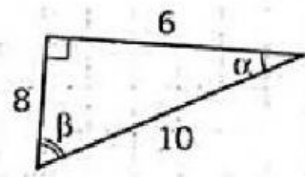
$$\operatorname{tg} \alpha = \frac{a}{b} \quad \operatorname{tg} \beta = \frac{b}{a}$$



$$\sin \alpha = \frac{3}{5} \quad \sin \beta = \frac{4}{5}$$

$$\cos \alpha = \frac{4}{5} \quad \cos \beta = \frac{3}{5}$$

$$\operatorname{tg} \alpha = \frac{3}{4} \quad \operatorname{tg} \beta = \frac{4}{3}$$



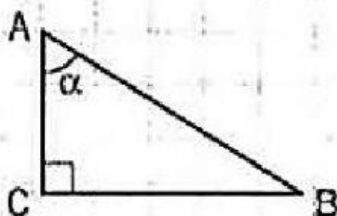
$$\frac{6}{10} = \sin \alpha \quad \alpha = \arcsin \frac{3}{5} \quad \beta = \arcsin \frac{4}{5}$$

$$\frac{8}{10} = \sin \beta \quad \alpha = \arcsin \frac{3}{5} \quad \beta = \arcsin \frac{4}{5}$$

$$\frac{6}{8} = \operatorname{tg} \alpha \quad \alpha = \arctan \frac{3}{4} \quad \beta = \arctan \frac{4}{3}$$

3.uzd. Nosaki trijstūra malu garumus!

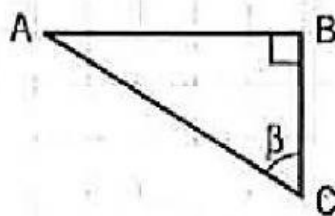
$$\sin \alpha = \frac{5}{7}$$



$$CB = \dots\dots\dots$$

$$AB = \dots\dots\dots$$

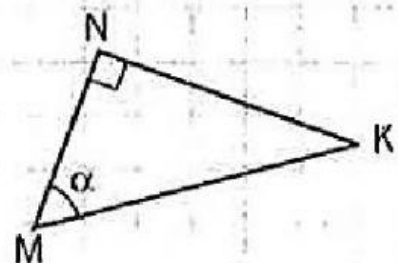
$$\cos \beta = \frac{3}{8}$$



$$\dots\dots\dots$$

$$\dots\dots\dots$$

$$\operatorname{tg} \alpha = \frac{7}{5}$$



$$\dots\dots\dots$$

$$\dots\dots\dots$$