

№4

$$\cos \alpha = -\frac{4}{5} \text{ и } \frac{\pi}{2} < \alpha < \pi$$

α – угол четверти

$$\sin \alpha = \quad \quad , \operatorname{tg} \alpha = \quad \quad -$$

$$\sin \beta = -\frac{5}{13} \text{ и } \frac{3\pi}{2} < \beta < 2\pi$$

β – угол четверти

$$\cos \beta = \quad \quad , \operatorname{ctg} \beta = \quad \quad -$$

№5



$$\arccos\left(-\frac{\sqrt{3}}{2}\right) - \arcsin\left(-\frac{\sqrt{3}}{2}\right) = \quad \pi$$

$$\arccos\left(-\frac{\sqrt{2}}{2}\right) - \arcsin\left(-\frac{\sqrt{2}}{2}\right) = \quad \pi$$

№6

$$\sin\left(\operatorname{arcctg}\left(-\frac{\sqrt{3}}{3}\right)\right) = \quad \quad$$

$$\operatorname{tg}\left(\arccos\left(-\frac{\sqrt{2}}{2}\right)\right) = \quad \quad$$