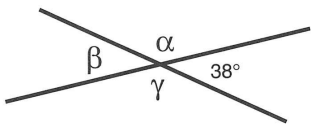


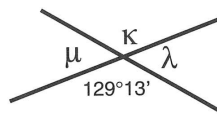
8.4. Sčítání a odčítání úhlů – procvičování – početně

Vypočítej velikosti neznámých úhlů u různoběžek:

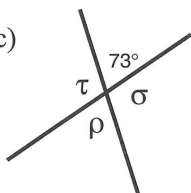
a)



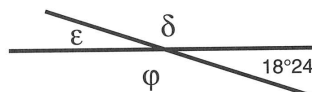
b)



c)



d)



Vypočítej:

- | | |
|-----------------------------------|--------------------------------------|
| a. $75^\circ - 32^\circ$ | q. $75^\circ + 32^\circ - 96^\circ$ |
| b. $152^\circ + 78^\circ$ | r. $152^\circ - 78^\circ - 33^\circ$ |
| c. $136^\circ - 39^\circ$ | s. $136^\circ - 39^\circ + 18^\circ$ |
| d. $93^\circ + 27^\circ$ | t. $93^\circ - 27^\circ - 41^\circ$ |
| e. $48^\circ 49' + 15^\circ 21'$ | u. $48^\circ 49' - 15^\circ 21'$ |
| f. $152^\circ 31' + 73^\circ 19'$ | v. $152^\circ 31' - 73^\circ 19'$ |
| g. $87^\circ 55' + 32^\circ 41'$ | w. $87^\circ 55' - 32^\circ 41'$ |
| h. $145^\circ 39' + 67^\circ 38'$ | x. $145^\circ 39' - 67^\circ 38'$ |
| i. $70^\circ + 32^\circ 19'$ | y. $70^\circ - 32^\circ 19'$ |
| j. $90^\circ + 49^\circ 37'$ | z. $90^\circ - 49^\circ 37'$ |
| k. $180^\circ + 112^\circ 45'$ | aa. $180^\circ - 112^\circ 45'$ |
| l. $270^\circ + 231^\circ 46'$ | bb. $270^\circ - 231^\circ 46'$ |
| m. $58^\circ 24' + 37^\circ 29'$ | cc. $58^\circ 24' - 37^\circ 29'$ |
| n. $117^\circ 12' + 98^\circ 46'$ | dd. $117^\circ 12' - 98^\circ 46'$ |
| o. $93^\circ 33' + 62^\circ 58'$ | ee. $93^\circ 33' - 62^\circ 58'$ |
| p. $138^\circ 8' + 99^\circ 12'$ | ff. $138^\circ 8' - 99^\circ 12'$ |

Jsou dány úhly $\alpha = 35^\circ$, $\beta = 87^\circ 20'$, $\gamma = 120^\circ 56'$. Vypočítej:

$$\alpha + \beta = \quad 4 \cdot \gamma =$$

$$\alpha + \gamma - \beta = \quad \gamma : 4 =$$

$$\gamma - \beta = \quad \alpha : 7 =$$

$$2 \cdot \beta = \quad \beta : 2 =$$

$$\alpha \cdot 3 =$$