

## NAČRTOVANJE TRIKOTNIKOV - UTRJEVANJE

1) Načrtaj trikotnike.

a)  $\triangle ABC$

$$\begin{aligned}a &= 4 \text{ cm} \\b &= 3,5 \text{ cm} \\ \gamma &= 30^\circ\end{aligned}$$

b)  $\triangle ABC$

$$\begin{aligned}a &= 6 \text{ cm} \\ \beta &= 105^\circ \\ \gamma &= 30^\circ\end{aligned}$$

*Trikotniku očrtaj krožnico*

c)  $\triangle ABC$

$$\begin{aligned}\beta &= 75^\circ \\b &= 6 \text{ cm} \\a &= 5 \text{ cm}\end{aligned}$$

*Trikotniku včrtaj krožnico*

d) enakokraki  $\triangle ABC$

$$\begin{aligned}c &= 5 \text{ cm} \\a &= 4 \text{ cm}\end{aligned}$$

e)  $\triangle ABC$

$$\begin{aligned}\alpha &= 95^\circ \\c &= 8 \text{ cm} \\v_c &= 6 \text{ cm}\end{aligned}$$

f)  $\triangle ABC$

$$\begin{aligned}v_a &= 3,4 \text{ cm} \\v_b &= 4 \text{ cm} \\ \gamma &= 60^\circ\end{aligned}$$

f)  $\triangle ABC$

$$\begin{aligned}v_a &= 4,3 \text{ cm} \\v_c &= 3,2 \text{ cm} \\a &= 5,2 \text{ cm}\end{aligned}$$

g)  $\triangle ABC$

$$\begin{aligned}a &= 4,5 \text{ cm} \\b &= 3,5 \text{ cm} \\r_o &= 3 \text{ cm}\end{aligned}$$

h)  $\triangle ABC$

$$\begin{aligned}c &= 5 \text{ cm} \\r_o &= 3 \text{ cm} \\ \beta &= 70^\circ\end{aligned}$$

i)  $\triangle ABC$

$$\begin{aligned}c &= 6 \text{ cm} \\ \alpha &= 70^\circ \\t_b &= 6,5 \text{ cm}\end{aligned}$$

j)  $\triangle ABC$

$$\begin{aligned}a &= 6 \text{ cm} \\b &= 4 \text{ cm} \\t_a &= 5 \text{ cm}\end{aligned}$$

k)  $\triangle ABC$

$$\begin{aligned}b &= 5 \text{ cm} \\v_b &= 3 \text{ cm} \\t_b &= 3,5 \text{ cm}\end{aligned}$$