



Englische Übungen zu Geometrische Grundbegriffe

1. Construct the angles.

- a. $\alpha = 47^\circ$
- b. $\beta = 118^\circ$
- c. $\gamma = 171^\circ$
- d. $\delta = 244^\circ$
- e. $\varepsilon = 294^\circ$.

2. Sketch a figure

- a. with one axis of symmetry,
- b. with two axes of symmetry,
- c. with more than two axes of symmetry!

Vocabulary

Englisch	Deutsch
to construct	konstruieren
angle	Winkel
to sketch	skizzieren
a figure	geometrische Figur
axis of symmetry (plural: axes)	Symmetrieachse (plural: Achsen)
degree	Grad

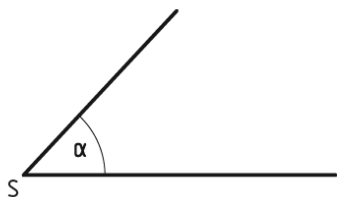




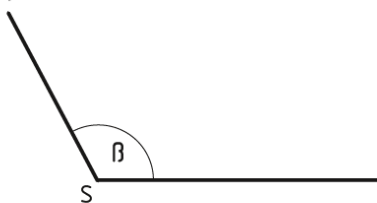
Solutions

1. Construct the angles.

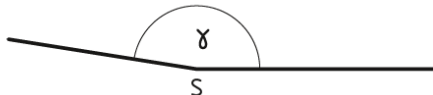
a) $\alpha = 47^\circ$



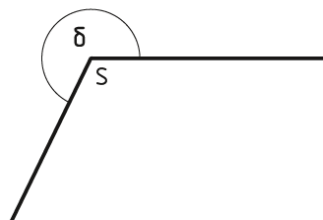
b) $\beta = 118^\circ$



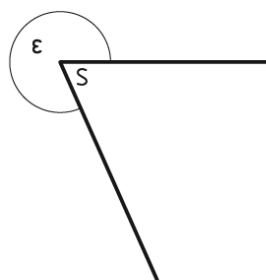
c) $\gamma = 171^\circ$



d) $\delta = 244^\circ$

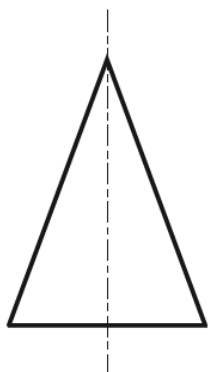


e) $\varepsilon = 294^\circ$

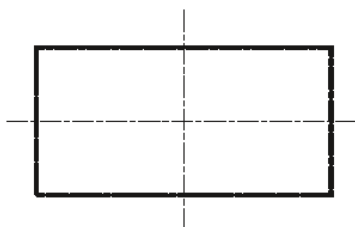


2. Sketch a figure: for example

a) isosceles triangle



b) rectangle



c) regular hexagon

