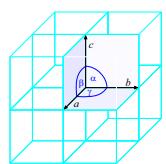
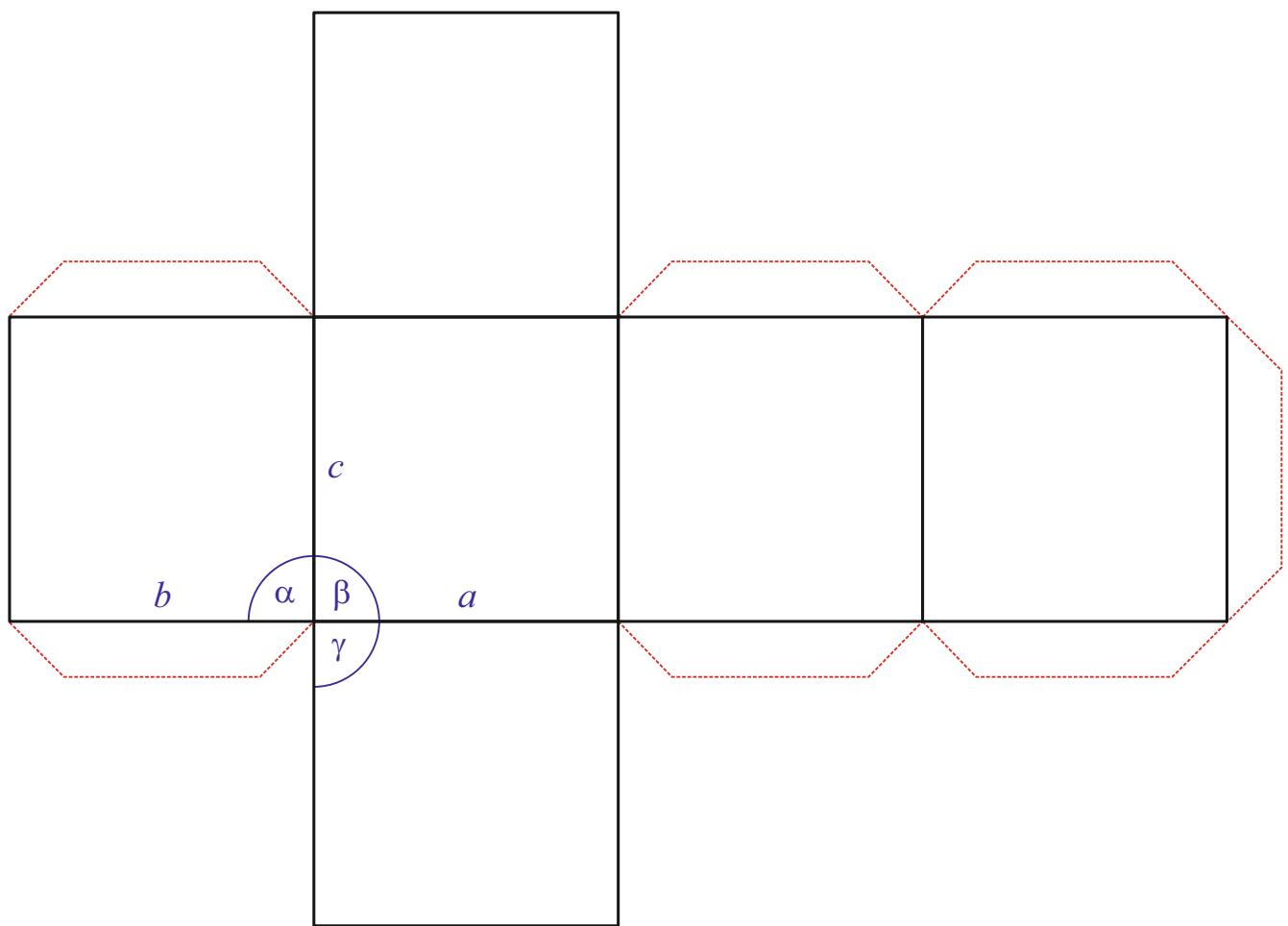


CRYSTAL SYSTEM

cubic

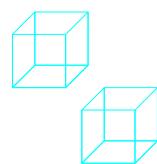
$$a = b = c$$

$$\alpha = \beta = \gamma = 90^\circ$$



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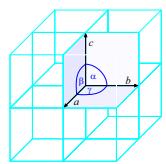
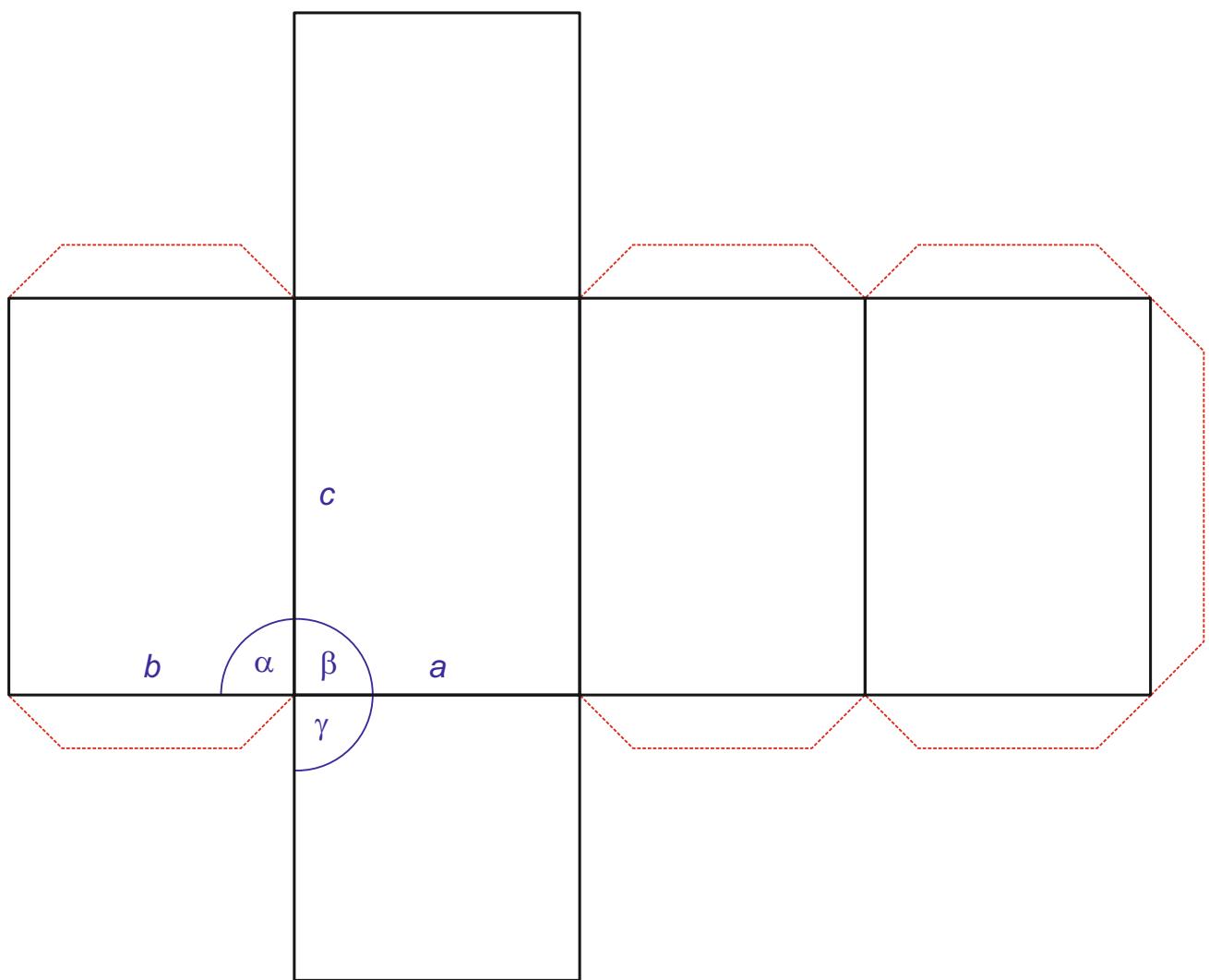


CRYSTAL SYSTEM

tetragonal

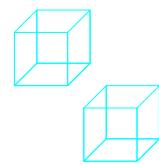
$$a = b \neq c$$

$$\alpha = \beta = \gamma = 90^\circ$$



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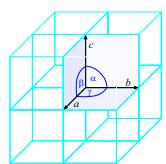
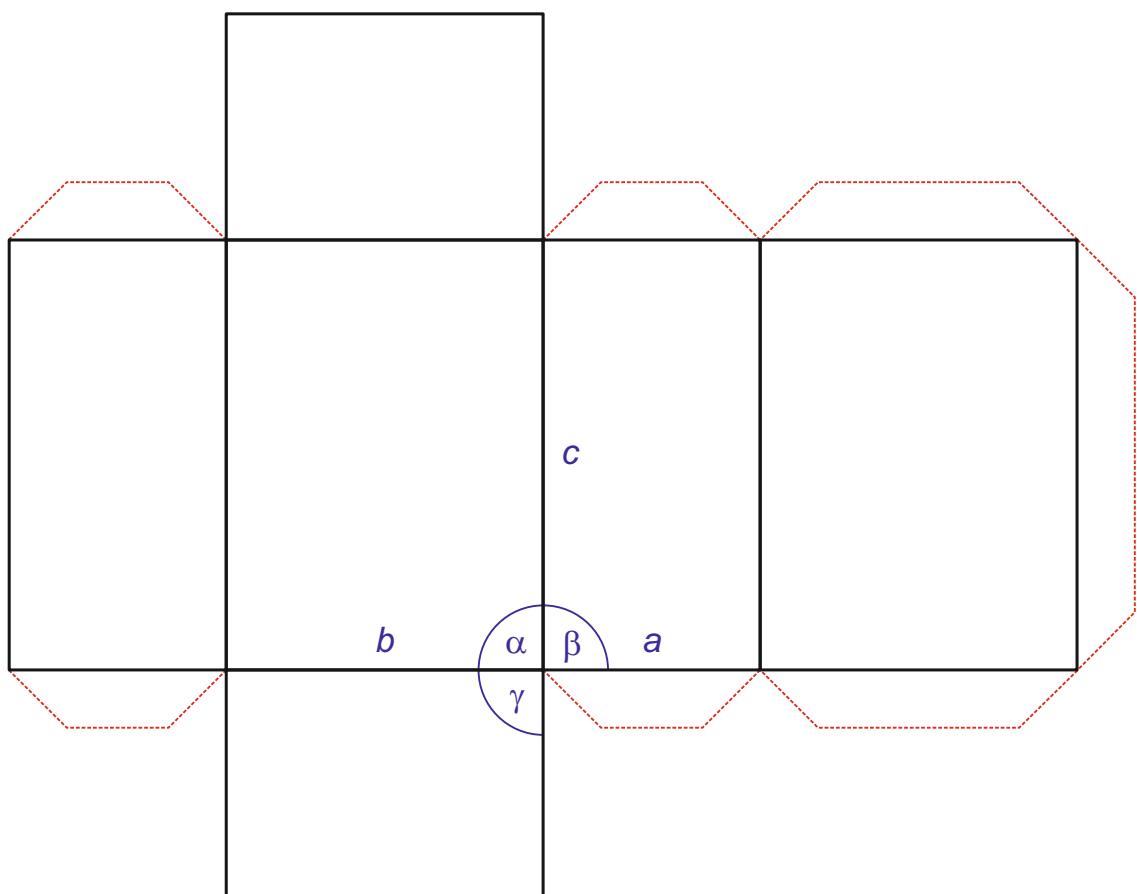


CRYSTAL SYSTEM

orthorhombic

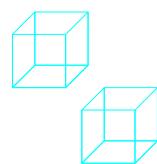
$$a \neq b \neq c$$

$$\alpha = \beta = \gamma = 90^\circ$$



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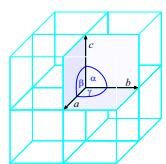
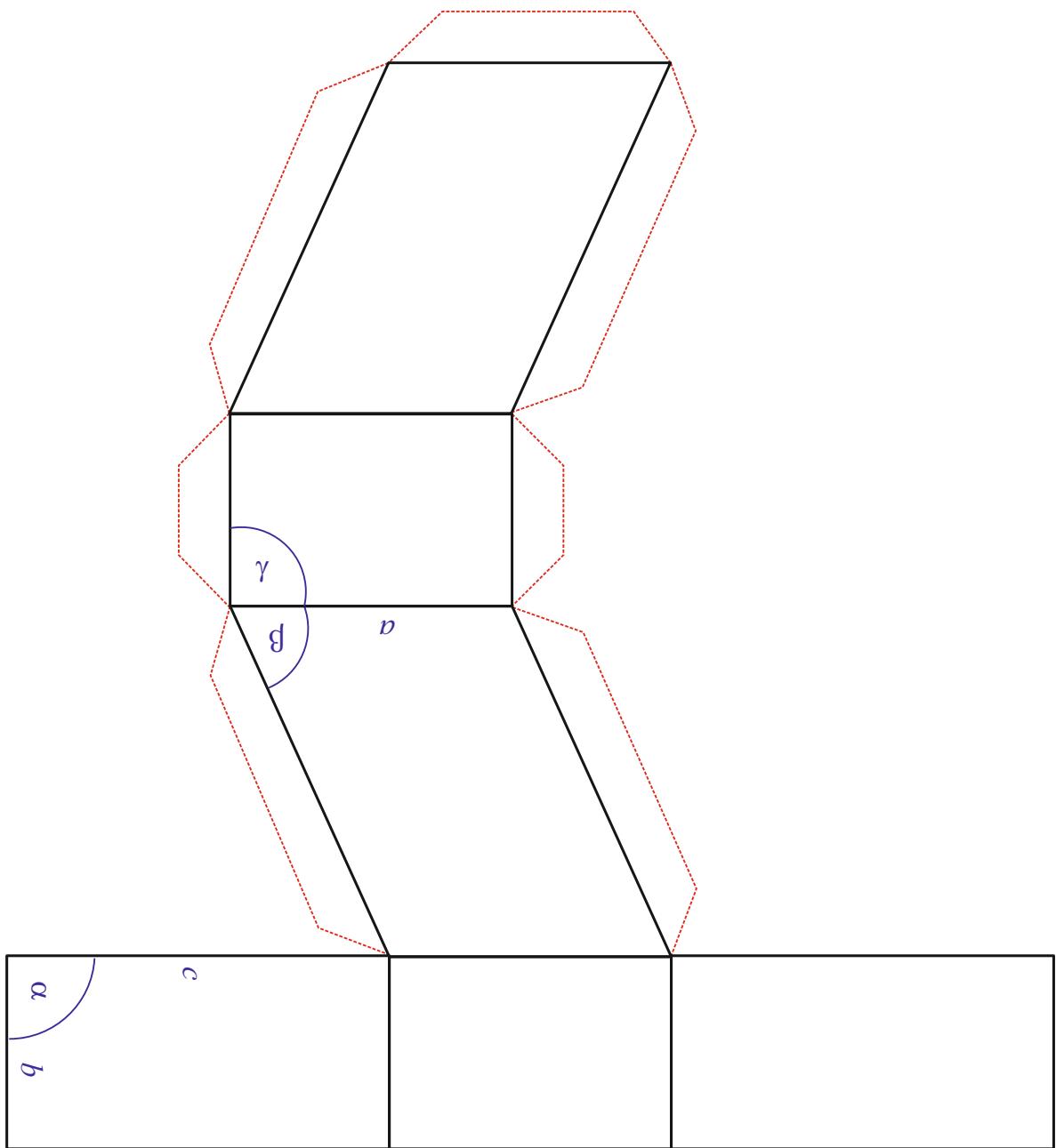


CRYSTAL SYSTEM

monoclinic

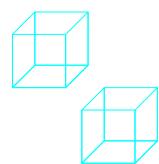
$$a \neq b \neq c$$

$$\alpha = \gamma = 90^\circ \neq \beta$$



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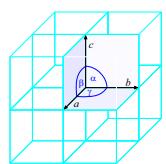
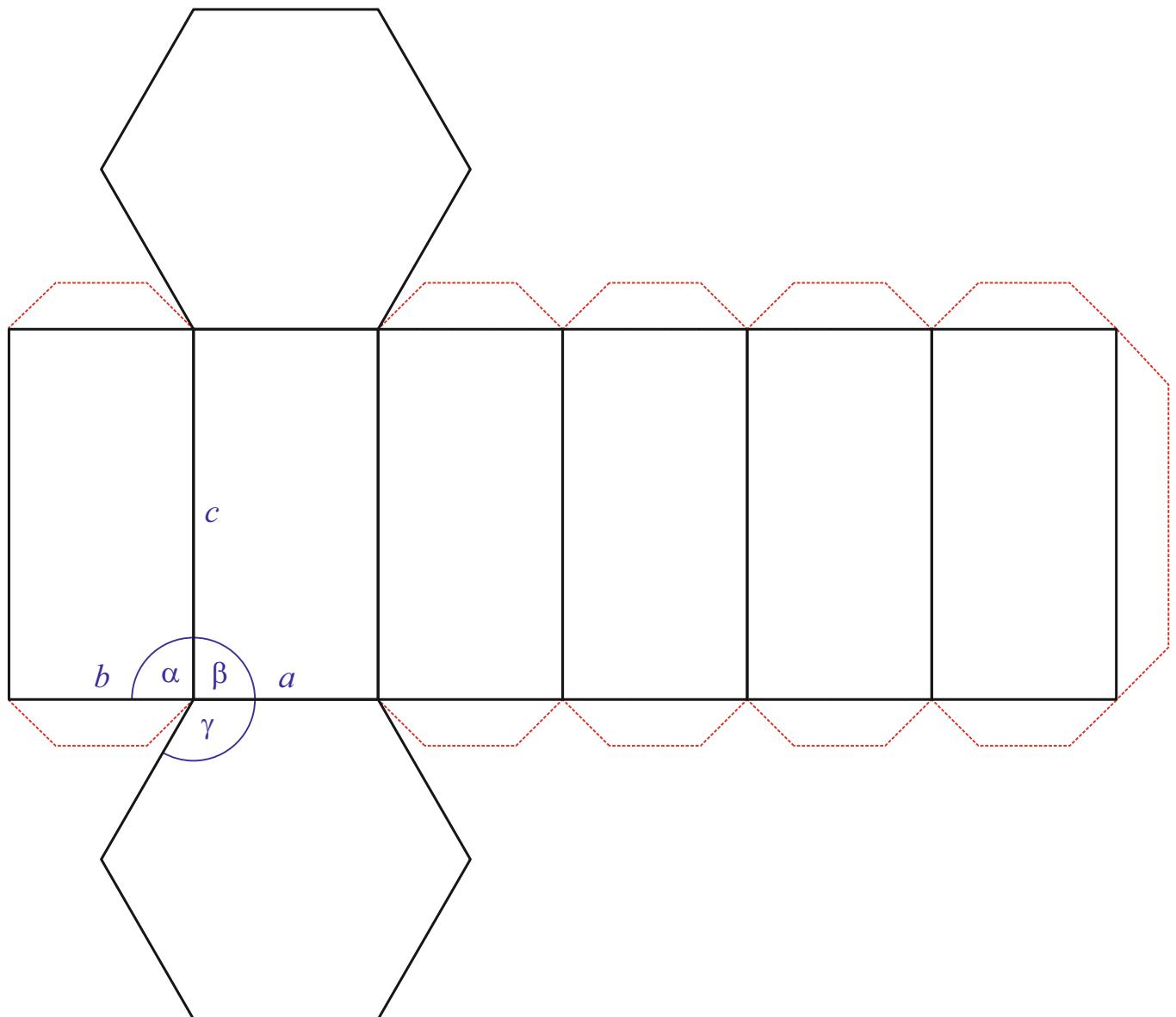


CRYSTAL SYSTEM

hexagonal

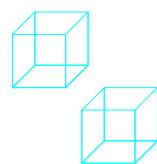
$$a = b \neq c$$

$$\alpha = \beta = 90^\circ; \gamma = 120^\circ$$



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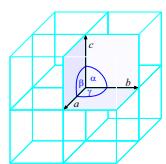
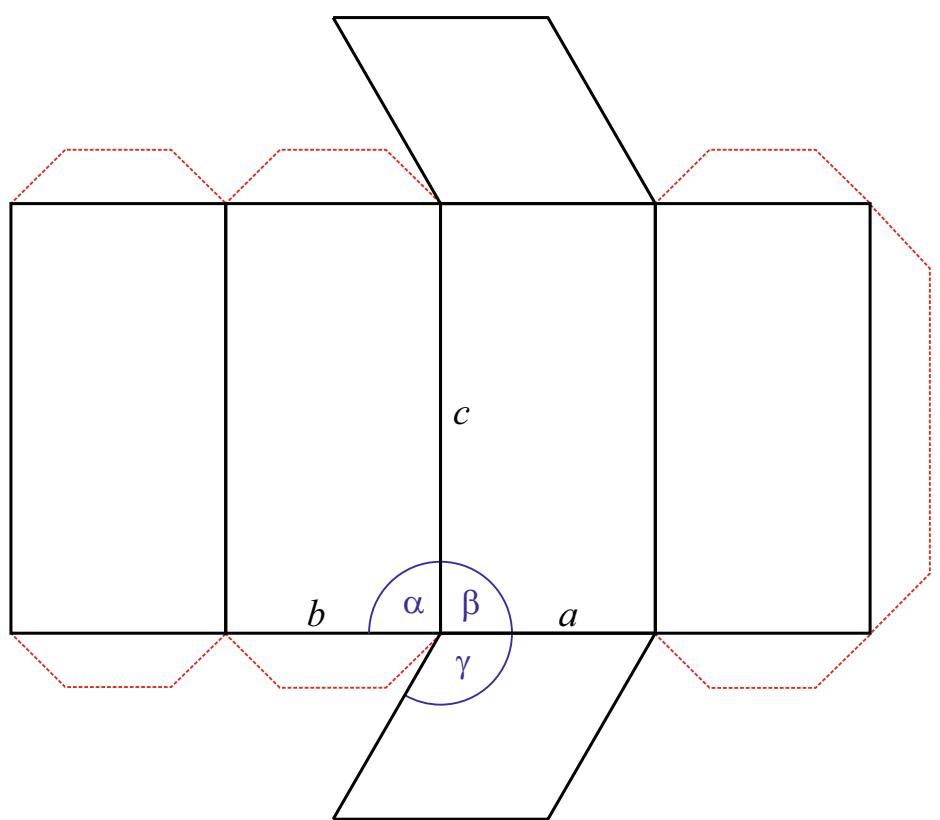


UNIT CELL

hexagonal and trigonal

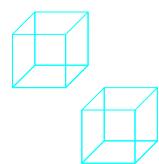
$$a = b \neq c$$

$$\alpha = \beta = 90^\circ; \gamma = 120^\circ$$



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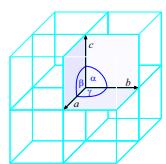
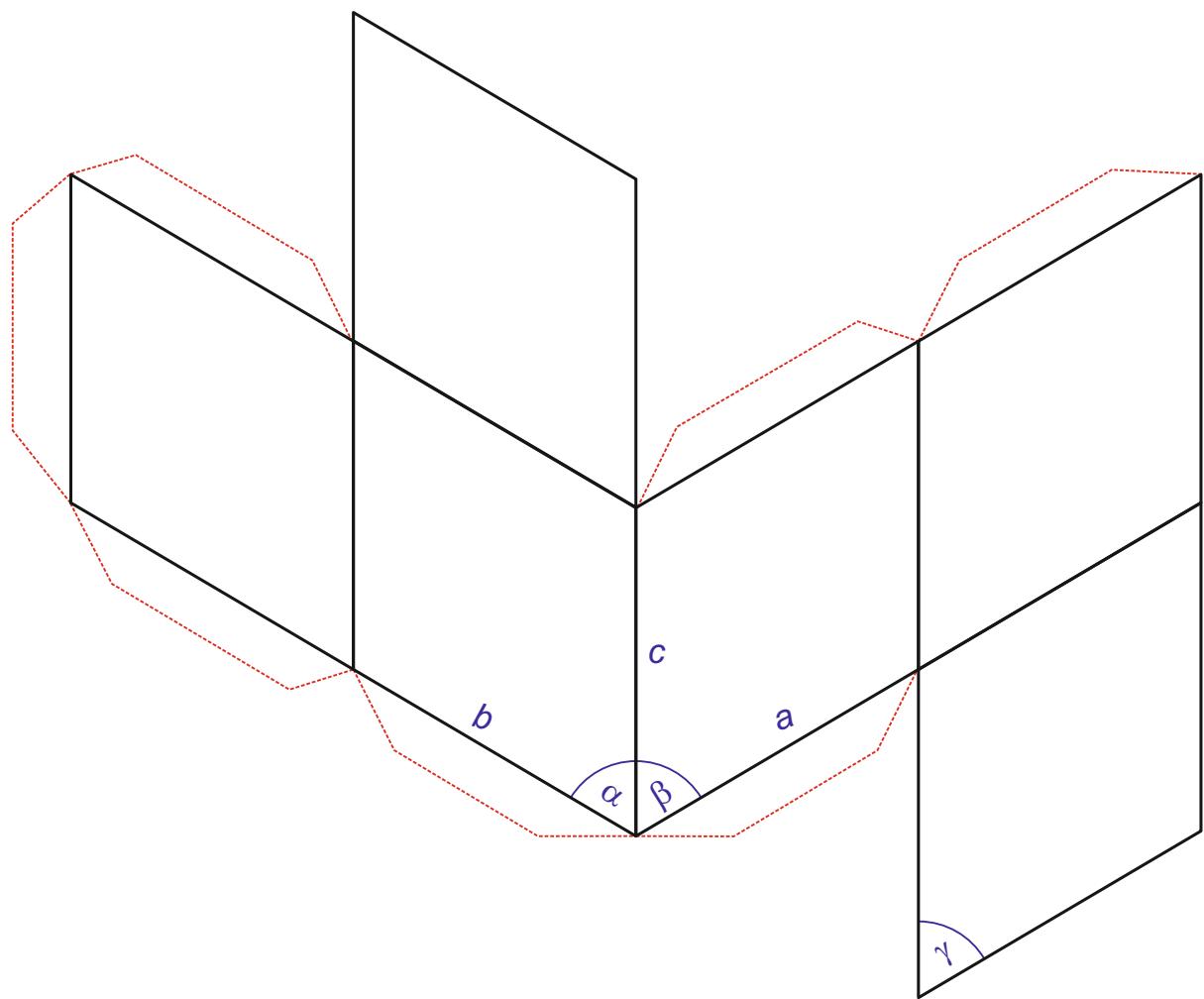


CRYSTAL SYSTEM

trigonal

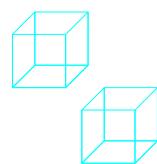
$$a = b = c$$

$$\alpha = \beta = \gamma \neq 90^\circ$$



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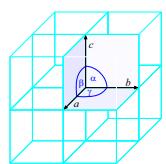
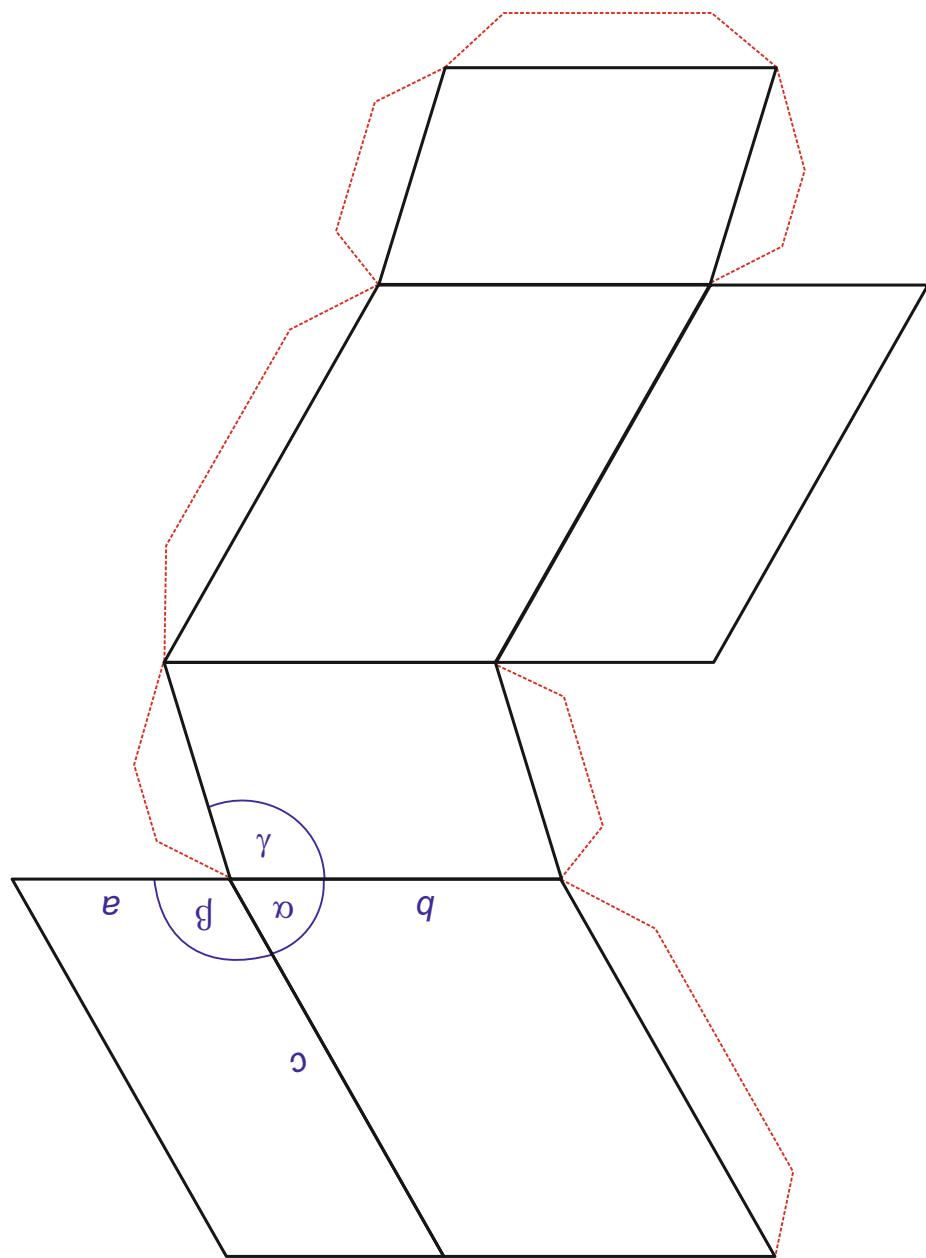


CRYSTAL SYSTEM

triclinic

$$a \neq b \neq c$$

$$\alpha \neq \beta \neq \gamma \neq 90^\circ$$



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