

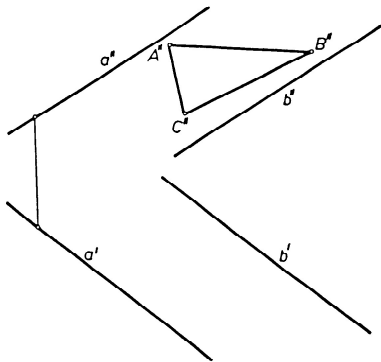
Politechnika Lubelska

Wiesław Wójcik

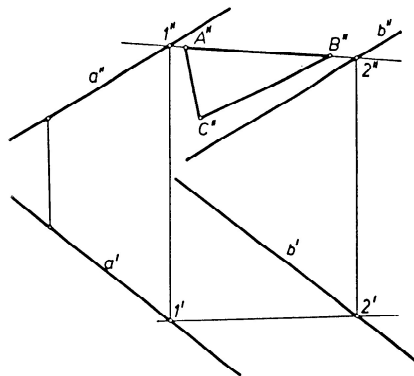
ZAPIS KONSTRUKCJI

Metodyka rozwiązywania zadań
Album z rysunkami

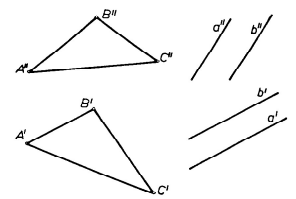
Lublin 1999



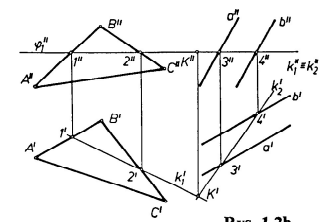
Rys. 1.1a



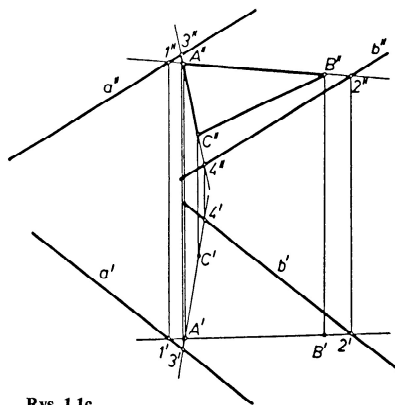
Rys. 1.1b



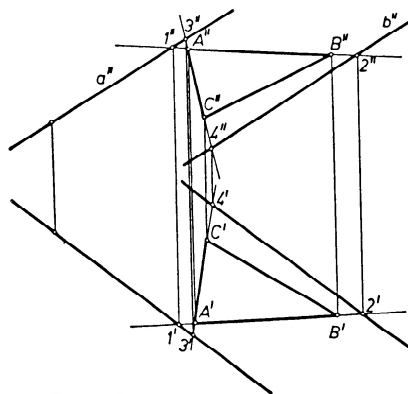
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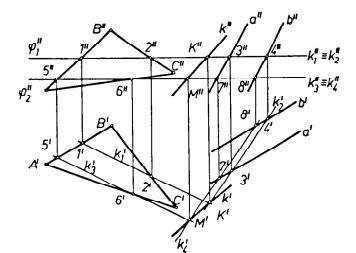
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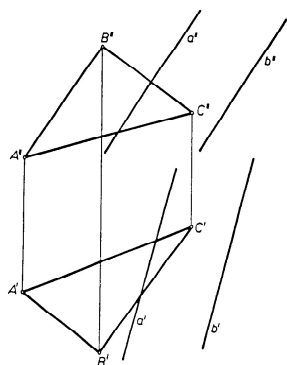
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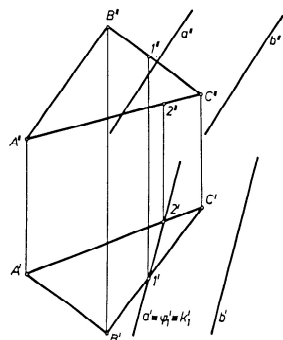
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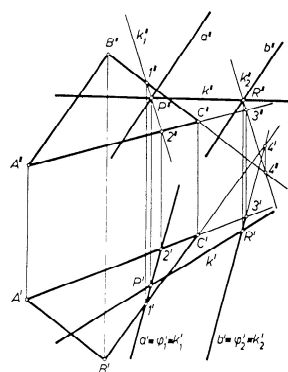
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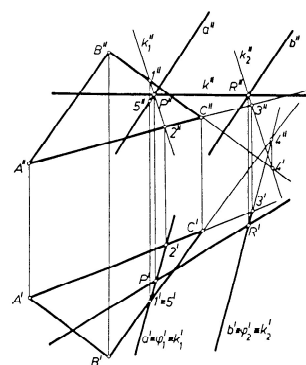
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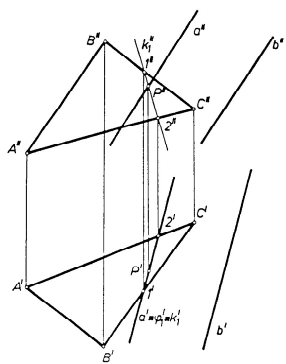
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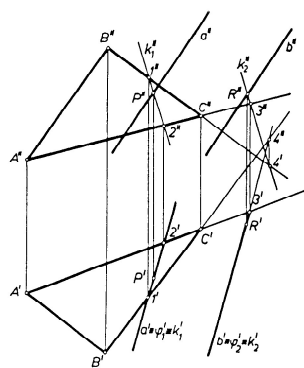
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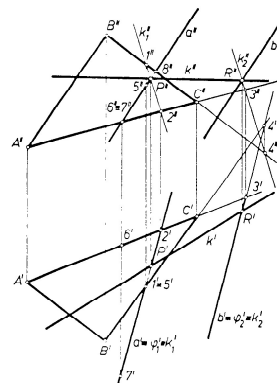
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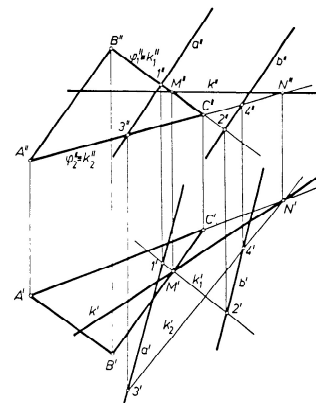
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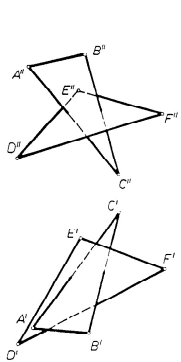
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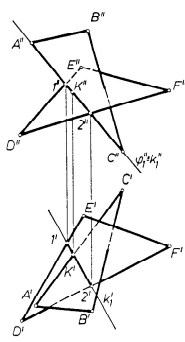
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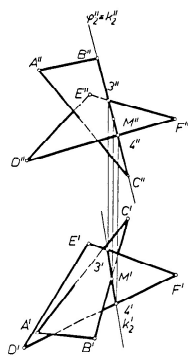
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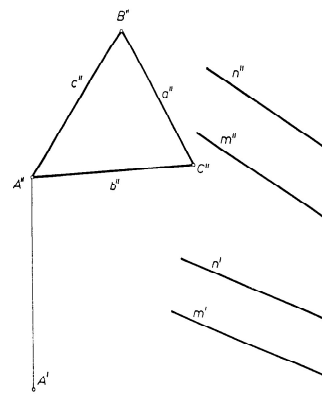
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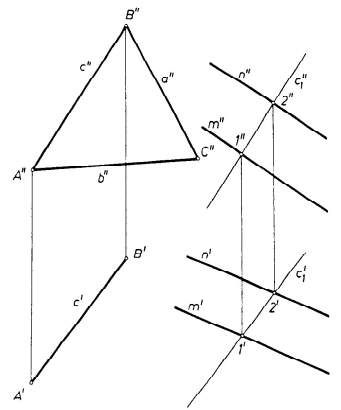
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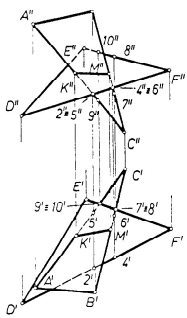
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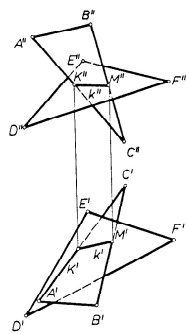
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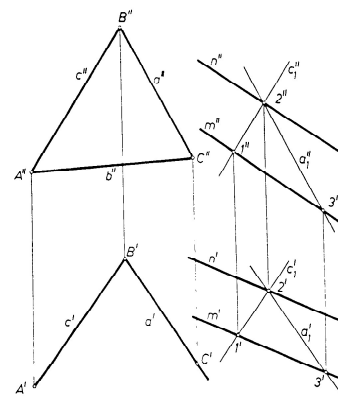
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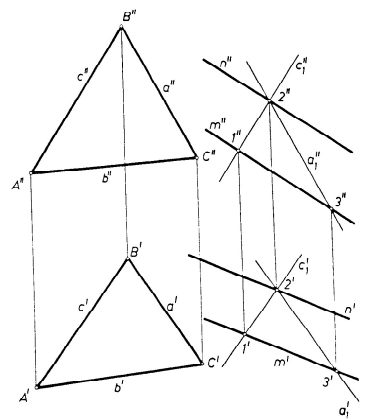
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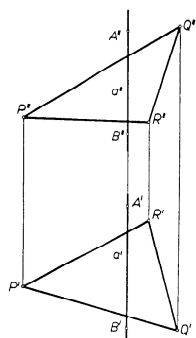
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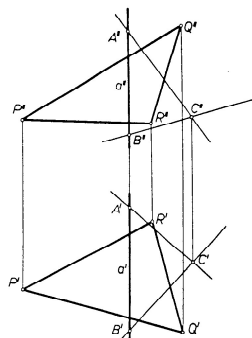
Rys. 1.7c



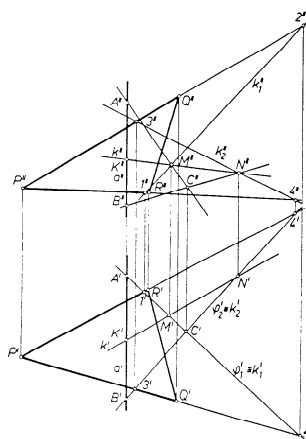
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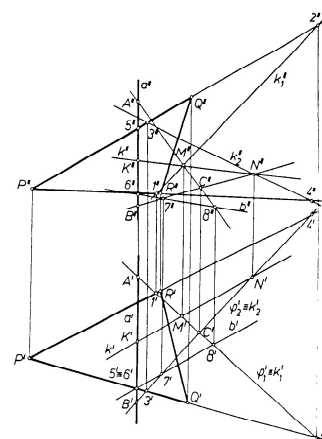
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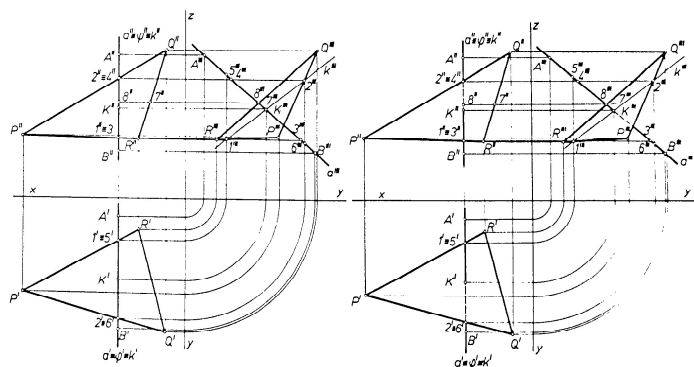
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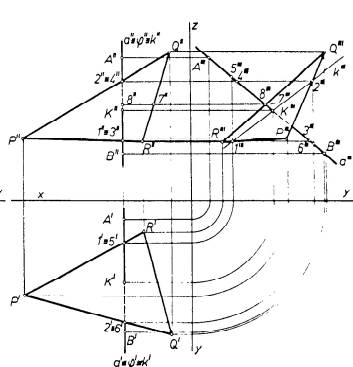
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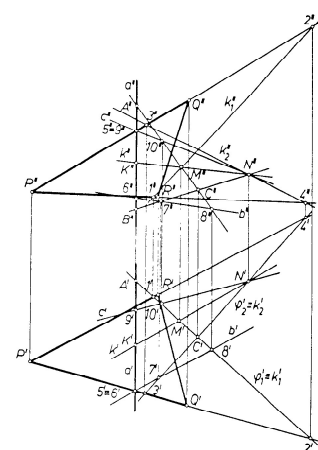
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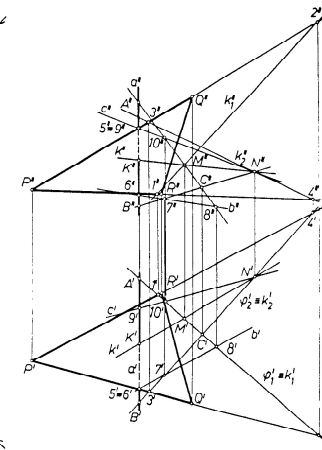
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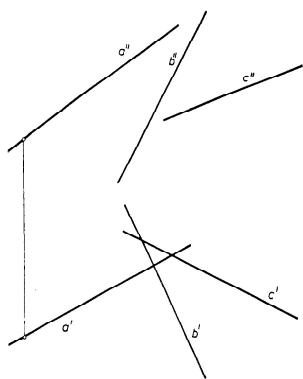
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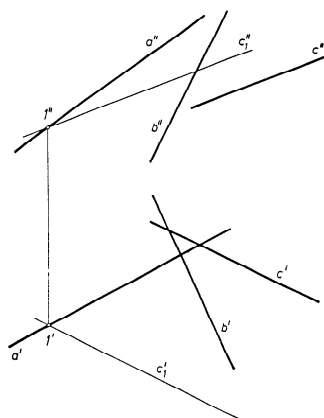
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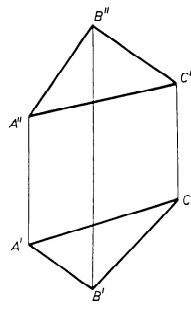
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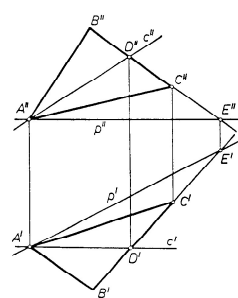
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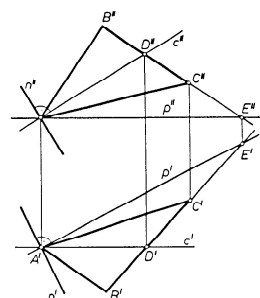
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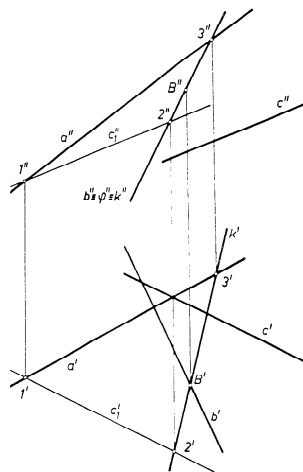
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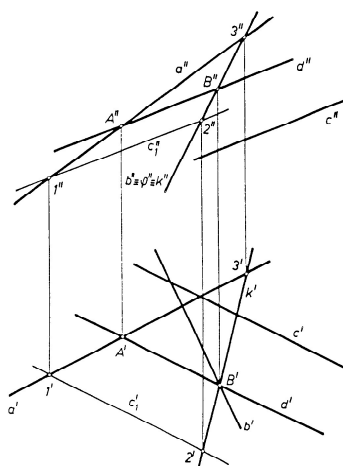
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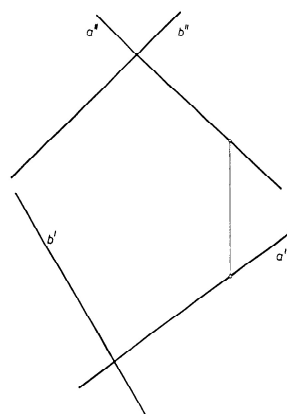
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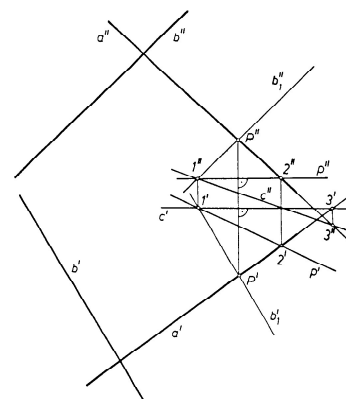
Rys. 1.6c



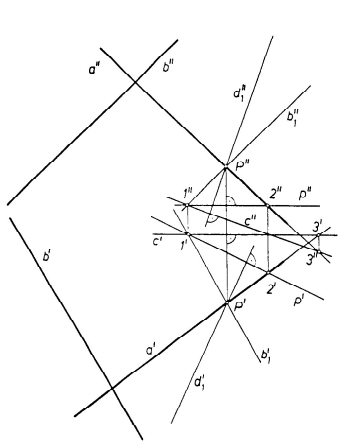
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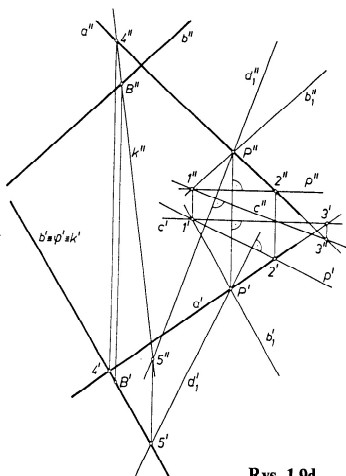
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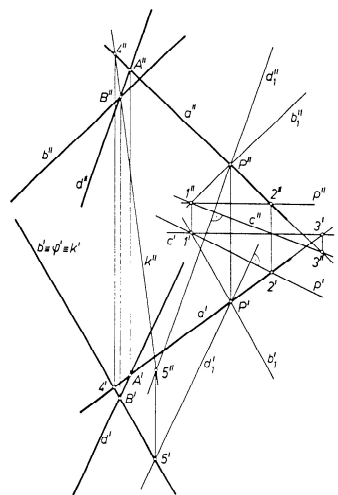
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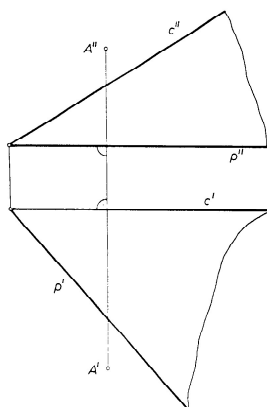
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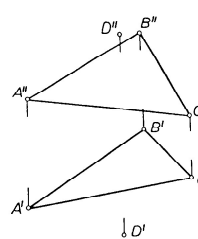
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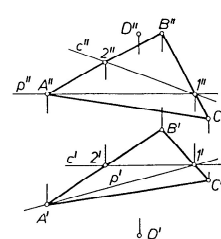
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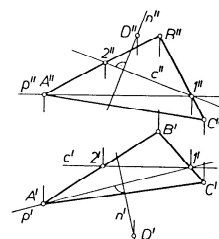
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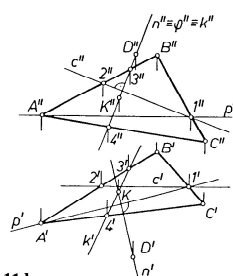
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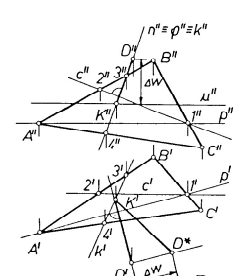
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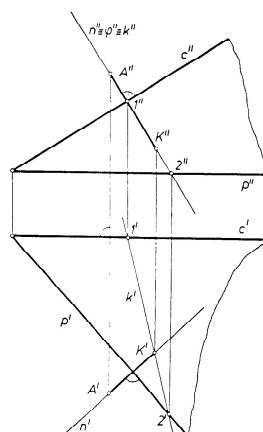
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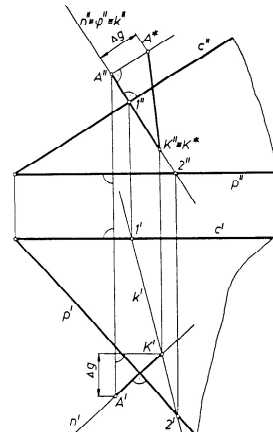
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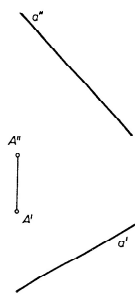
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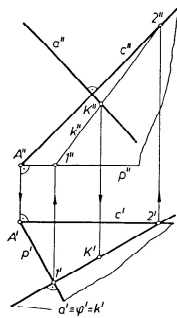
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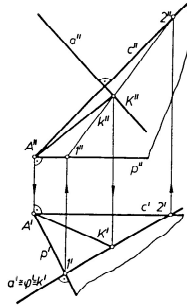
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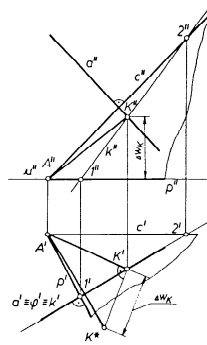
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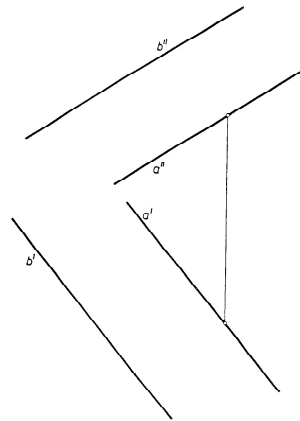
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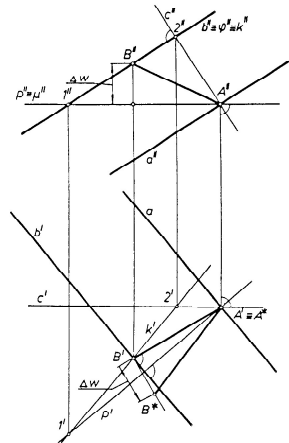
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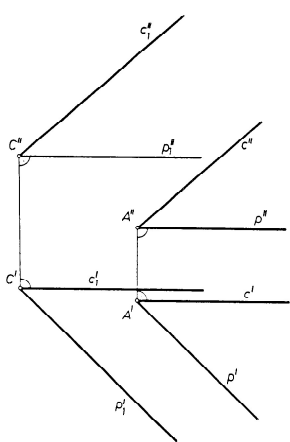
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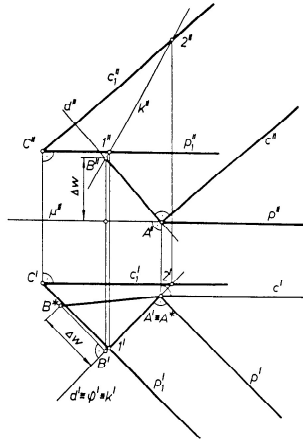
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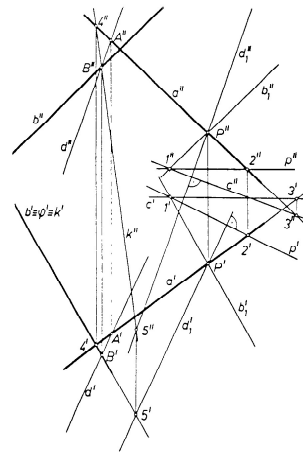
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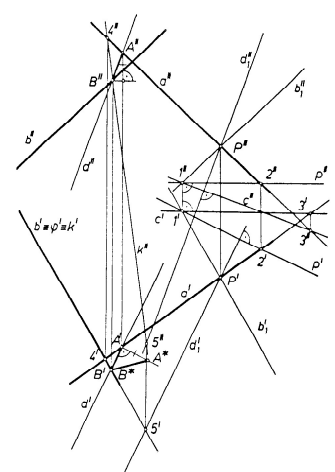
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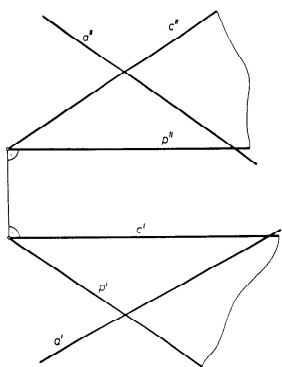
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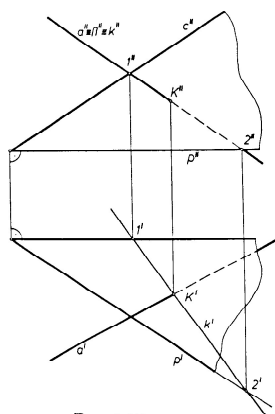
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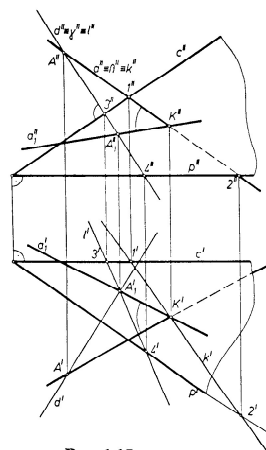
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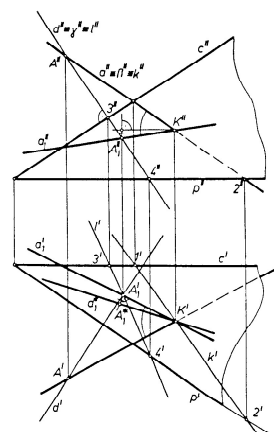
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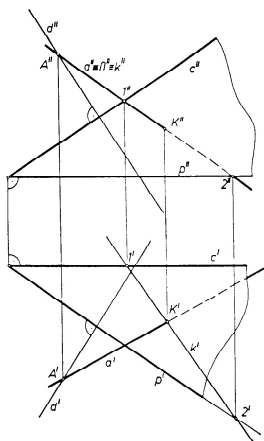
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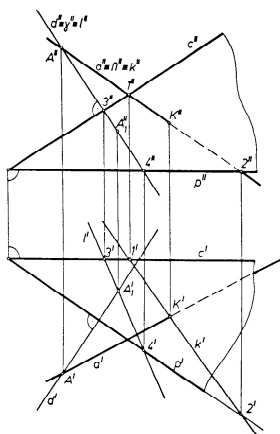
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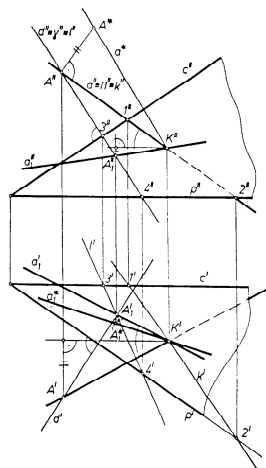
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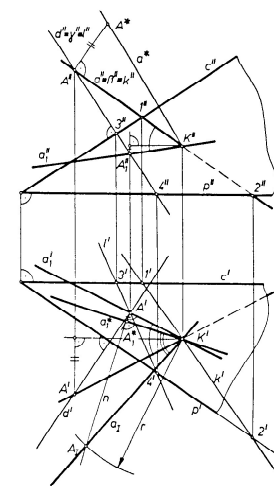
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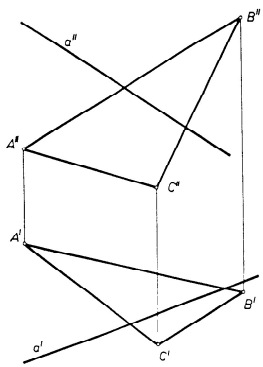
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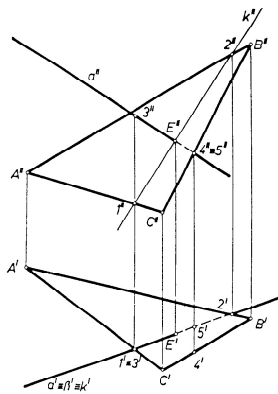
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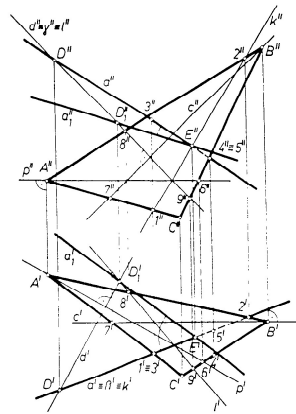
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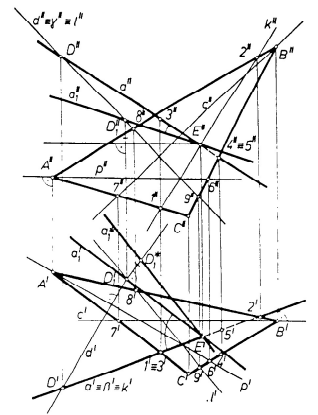
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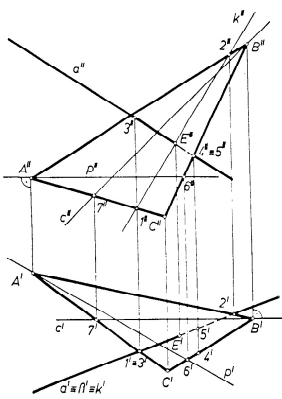
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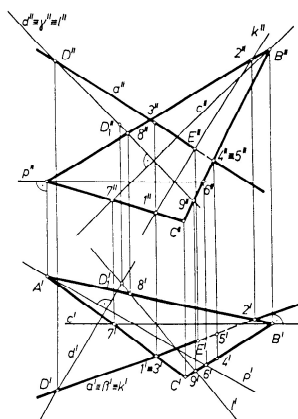
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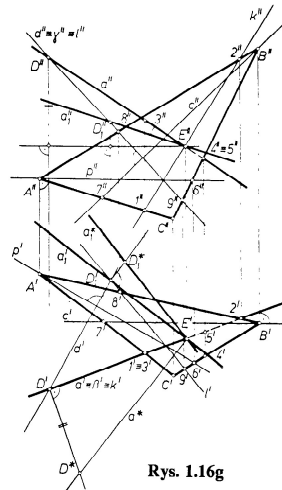
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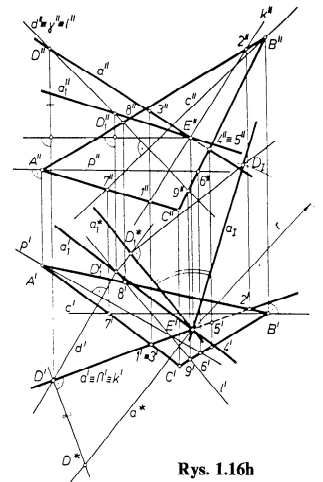
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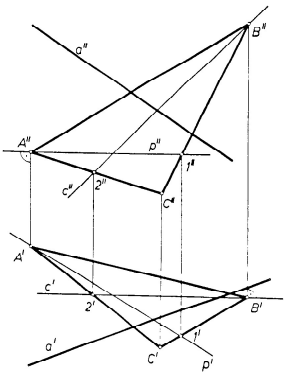
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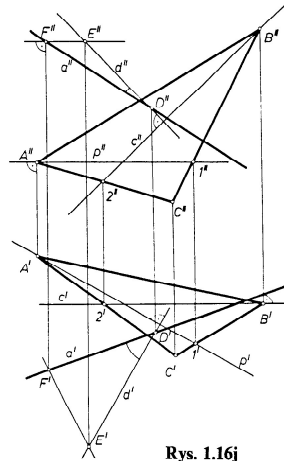
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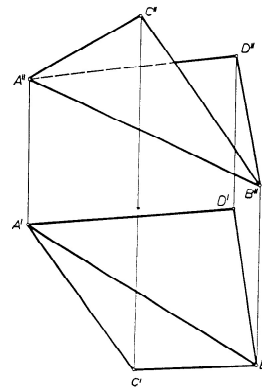
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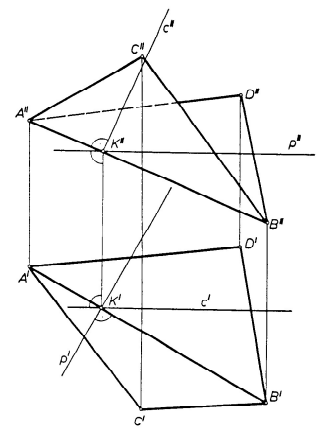
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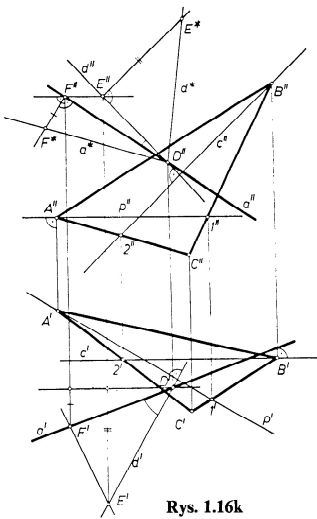
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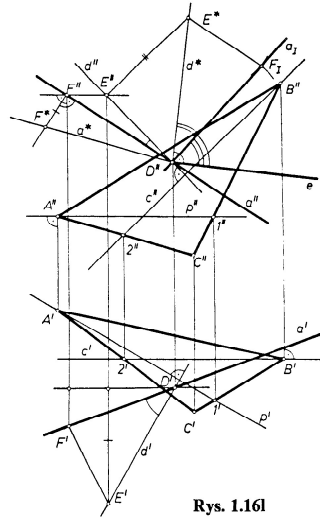
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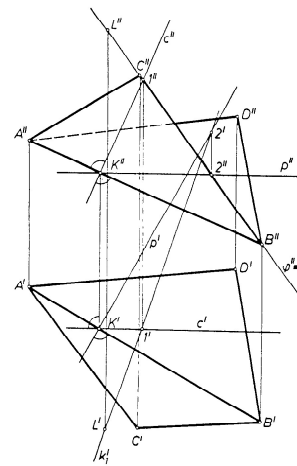
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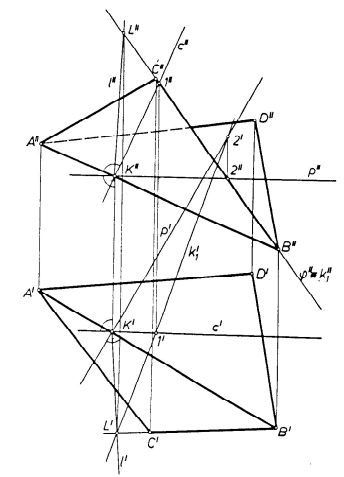
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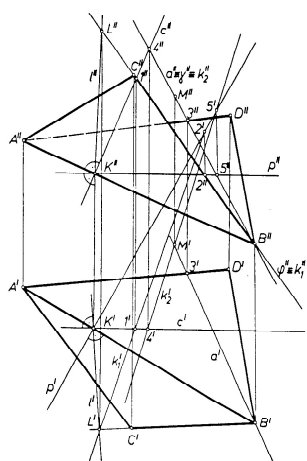
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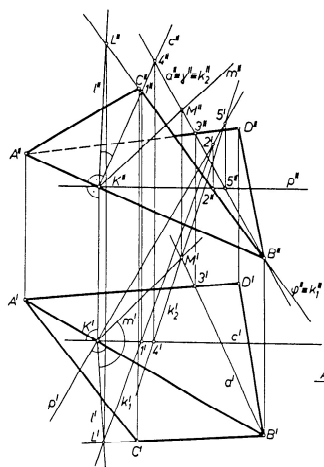
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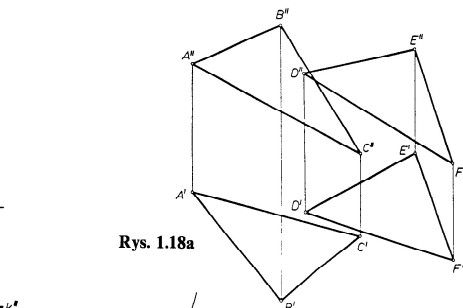
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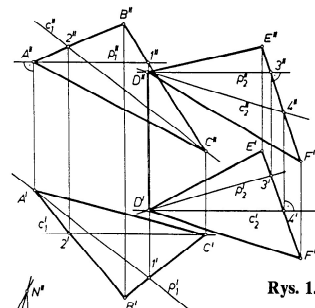
Rys. 1.17e



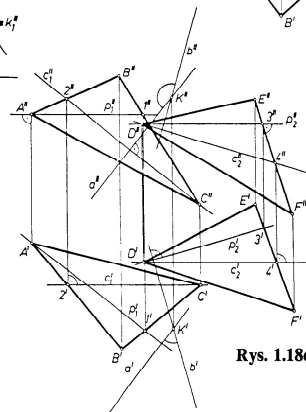
Rys. 1.17f



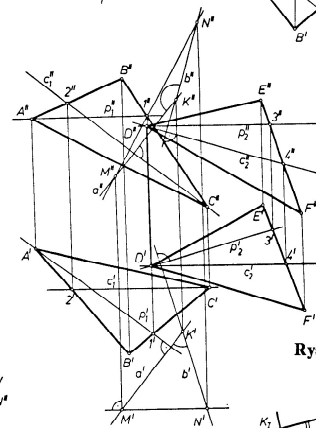
Rys. 1.18a



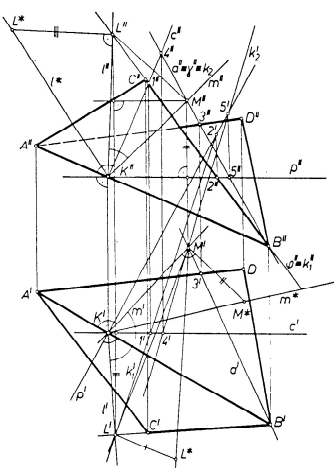
Rys. 1.18b



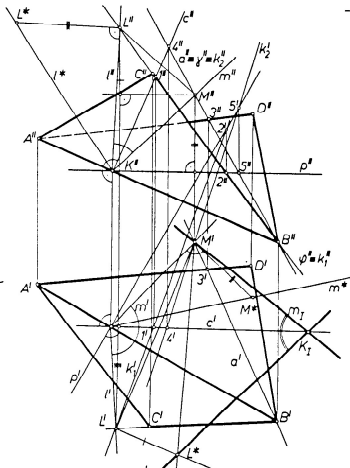
Rys. 1.18c



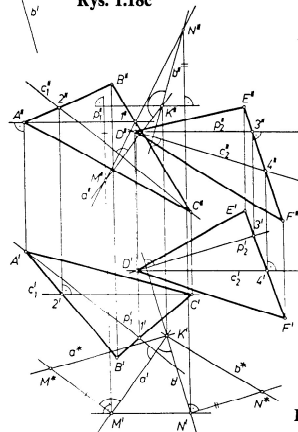
Rys. 1.18d



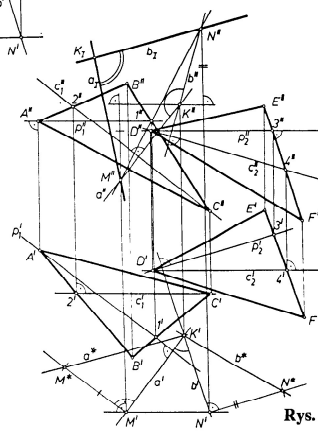
Rys. 1.17g



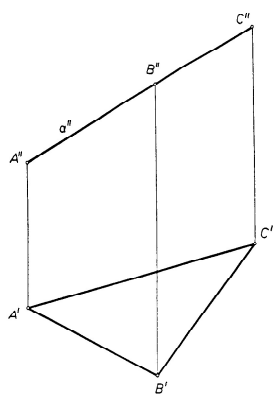
Rys. 1.17h



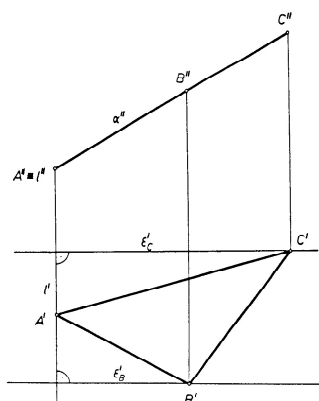
Rys. 1.18e



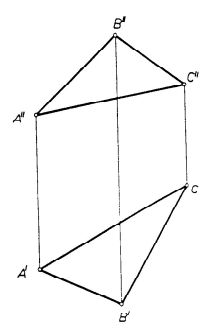
Rys. 1.18f



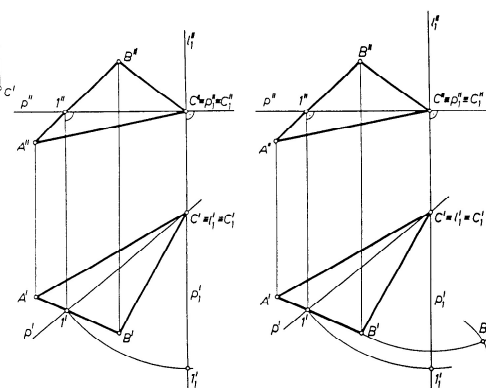
Rys. 2.1a



Rys. 2.1b

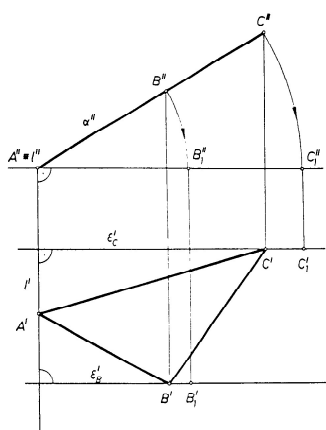


Rys. 2.2a

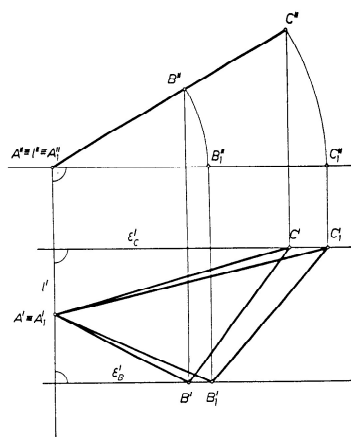


Rys. 2.2b

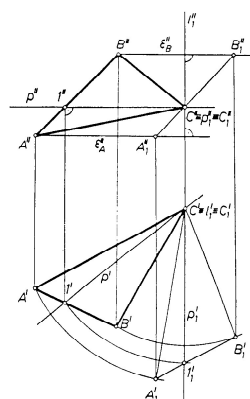
Rys. 2.2c



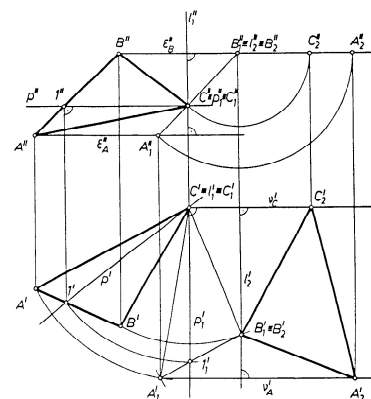
Rys. 2.1c



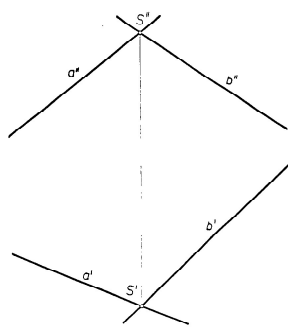
Rys. 2.1d



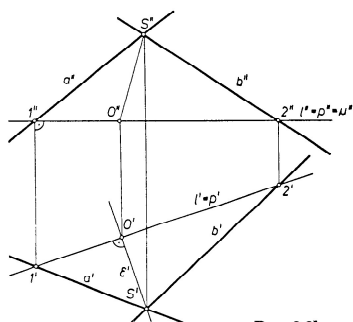
Rys. 2.2d



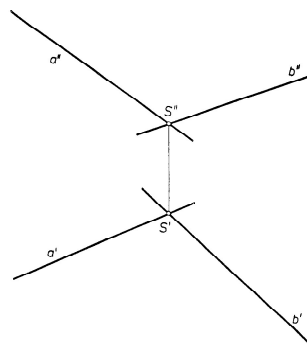
Rys. 2.2e



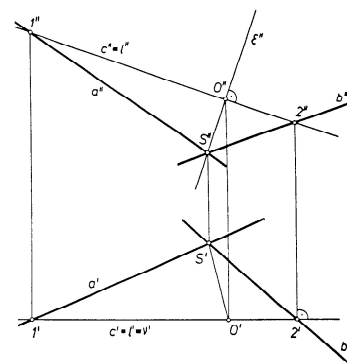
Rys. 2.3a



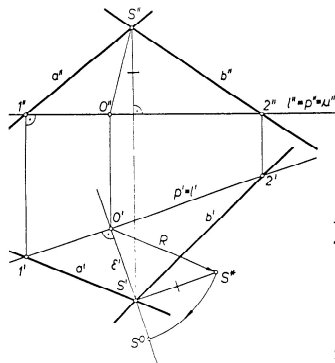
Rys. 2.3b



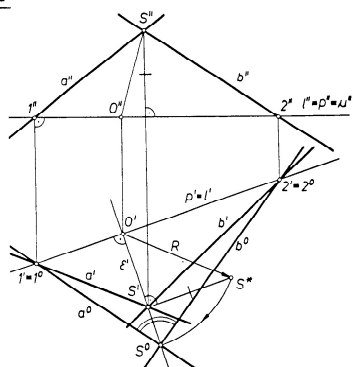
Rys. 2.4a



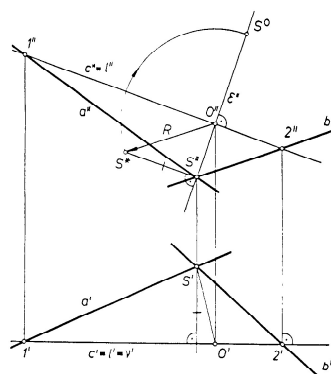
Rys. 2.4b



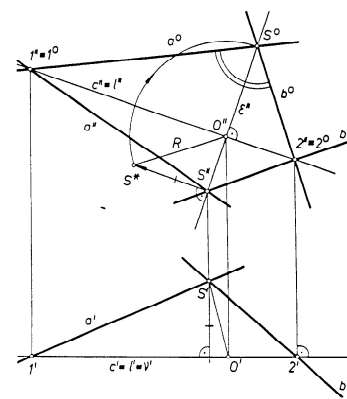
Rys. 2.3c



Rys. 2.3d

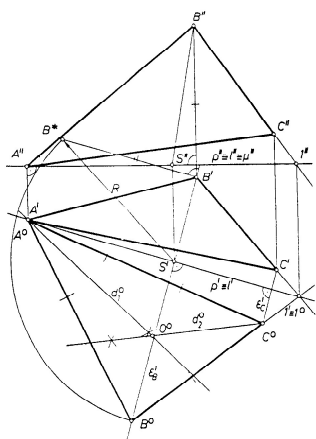


Rys. 2.4c

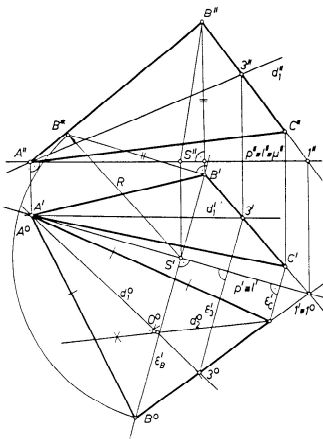


Rys. 2.4d

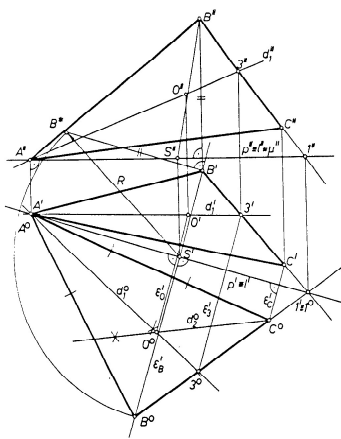




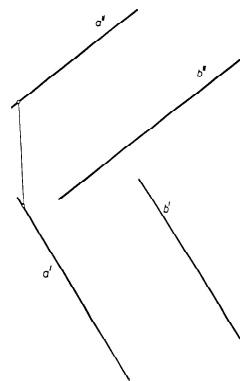
Rys. 2.7a



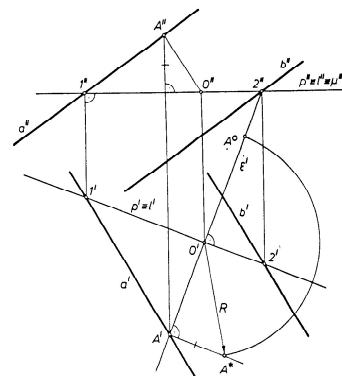
Rys. 2.7b



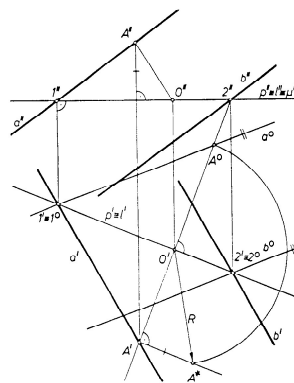
Rys. 2.7c



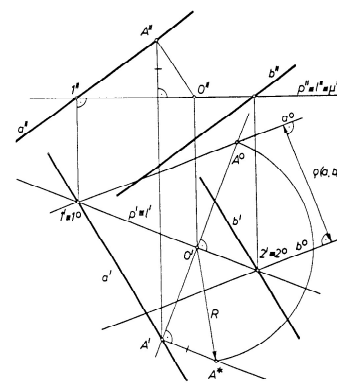
Rys. 2.8a



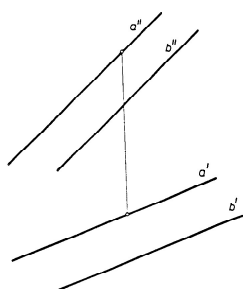
Rys. 2.8b



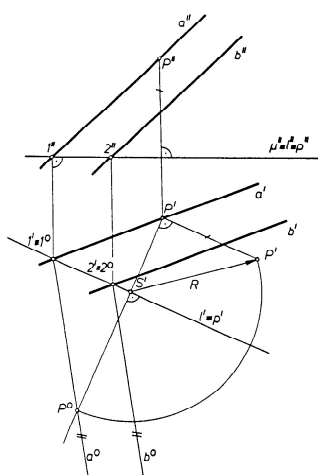
Rys. 2.8c



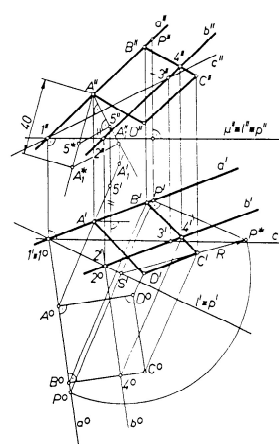
Rys. 2.8d



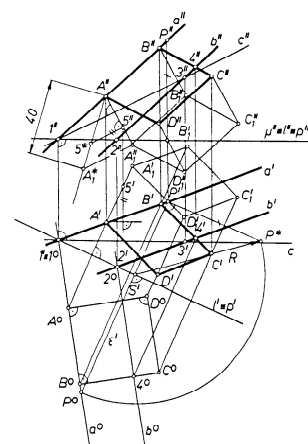
Rys. 2.9a



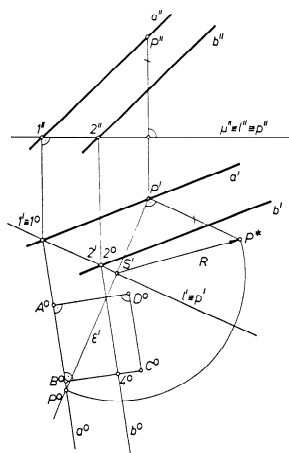
Rys. 2.9b



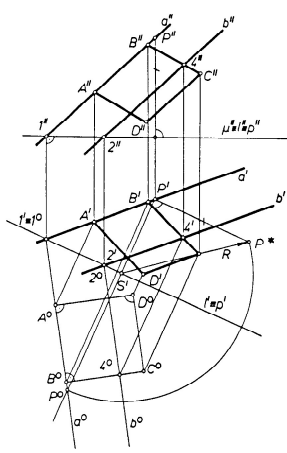
Rys. 2.9e



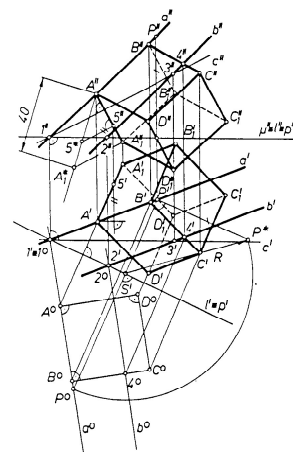
Rys. 2.9f



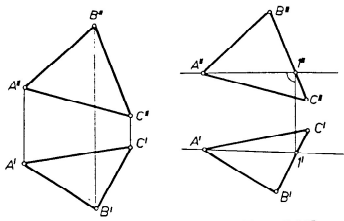
Rys. 2.9c



Rys. 2.9d

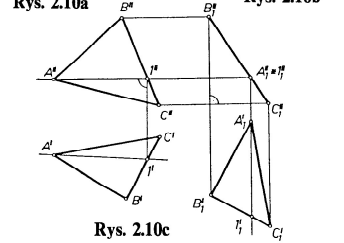


Rys. 2.9g

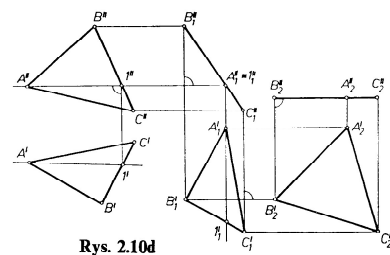


Rys. 2.10a

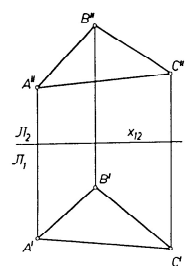
Rys. 2.10b



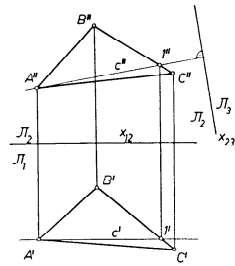
Rys. 2.10c



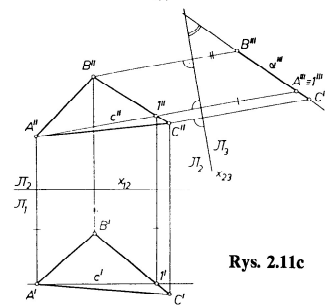
Rys. 2.10d



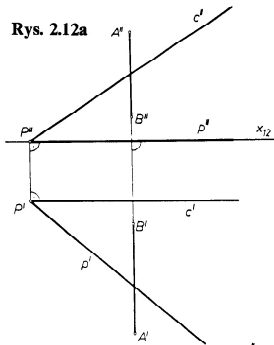
Rys. 2.11a



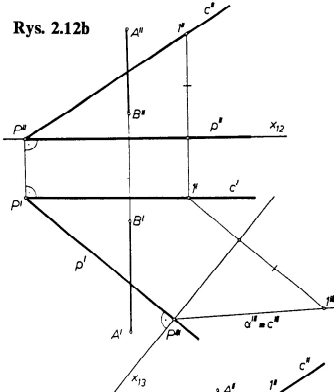
Rys. 2.11b



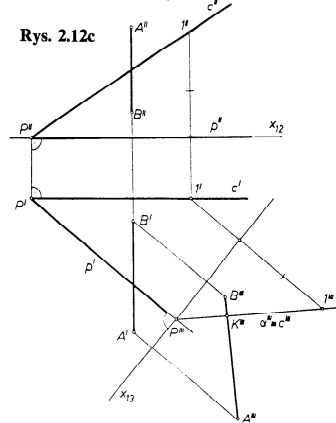
Rys. 2.11c



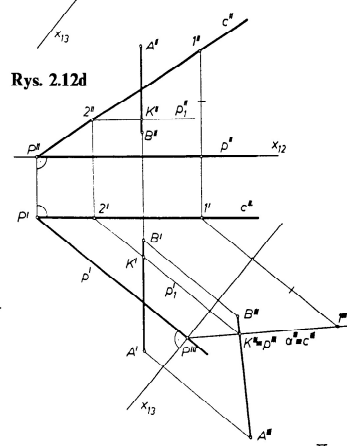
Rys. 2.12a



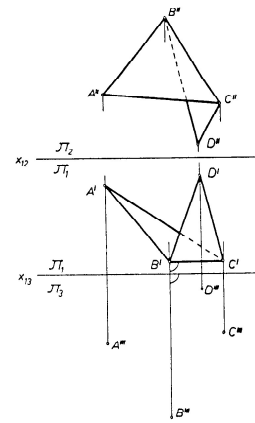
Rys. 2.12b



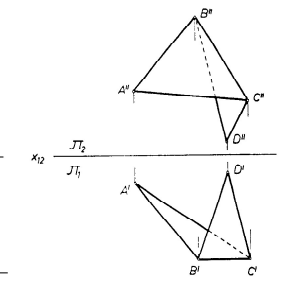
Rys. 2.12c



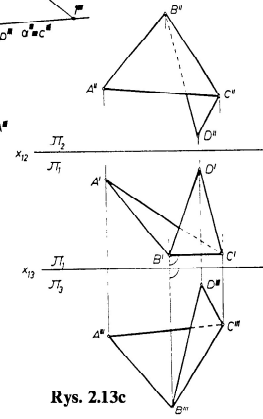
Rys. 2.12d



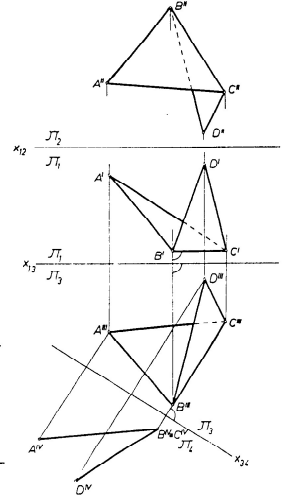
Rys. 2.13b



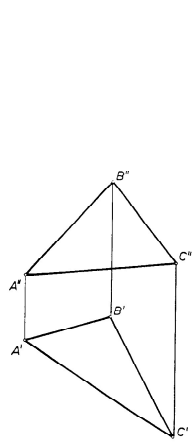
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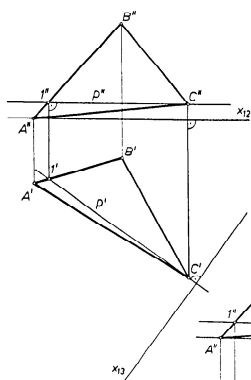
Rys. 2.13c



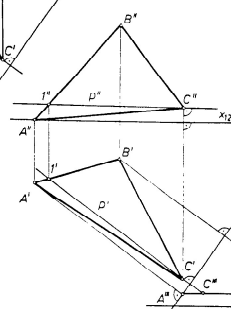
Rys. 2.13d



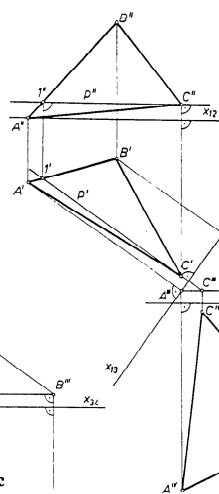
Rys. 2.14a



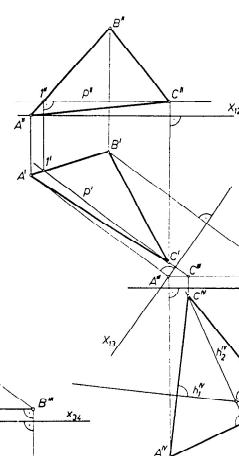
Rys. 2.14b



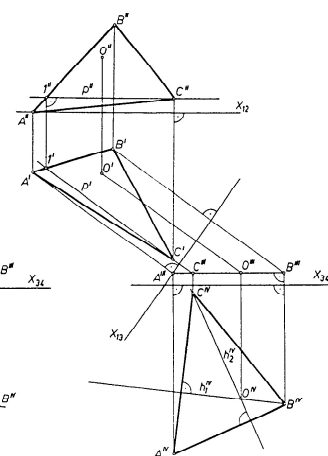
Rys. 2.14c



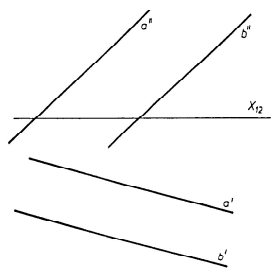
Rys. 2.14d



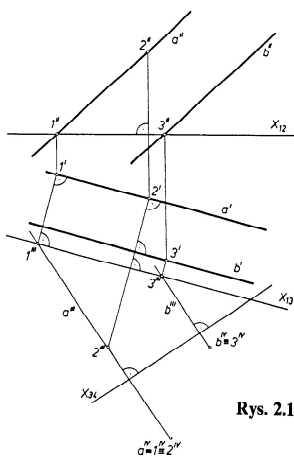
Rys. 2.15a



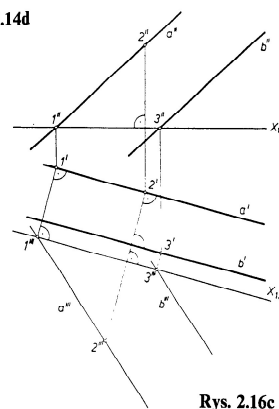
Rys. 2.15b



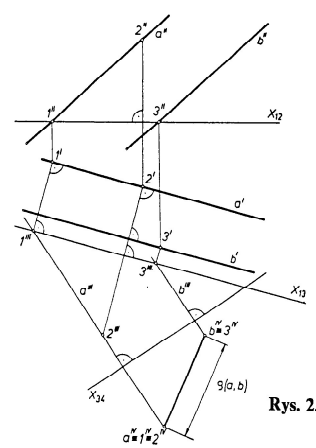
Rys. 2.16a



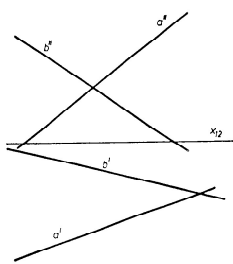
Rys. 2.16b



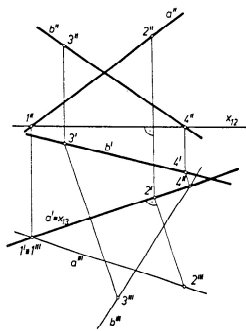
Rys. 2.16c



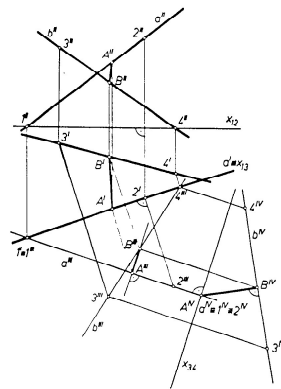
Rys. 2.16d



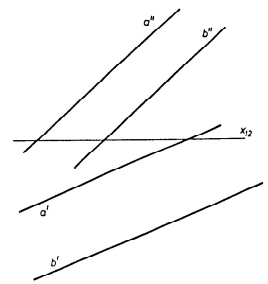
Rys. 2.17a



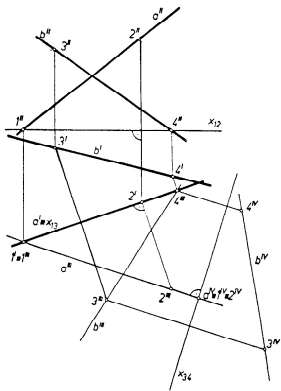
Rys. 2.17b



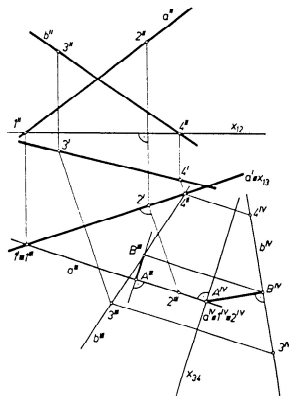
Rys. 2.17e



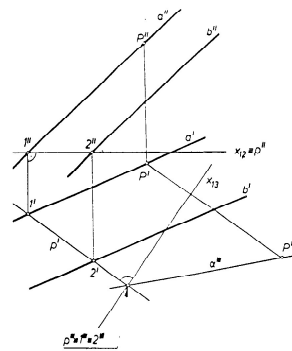
Rys. 2.18a



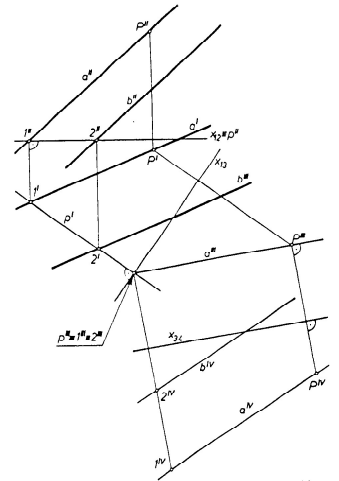
Rys. 2.17c



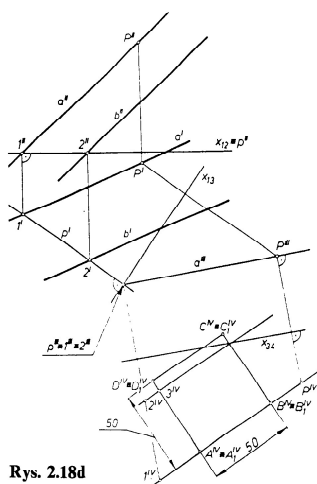
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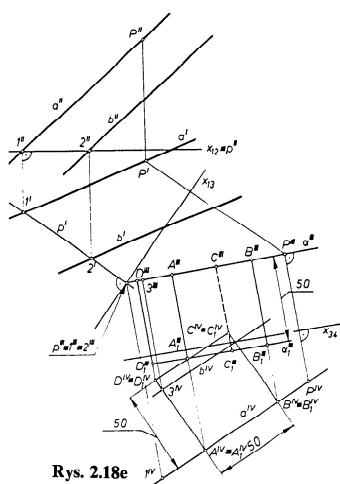
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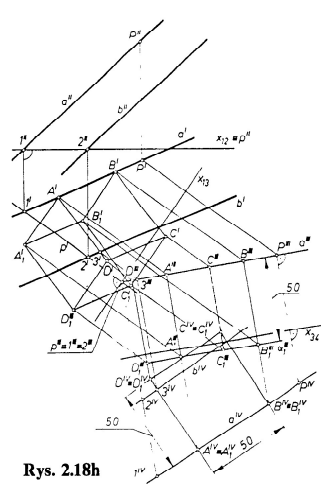
Rys. 2.18c



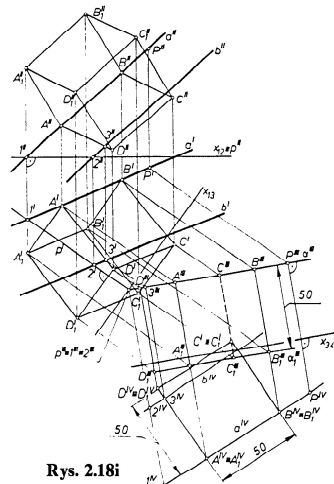
Rys. 2.18d



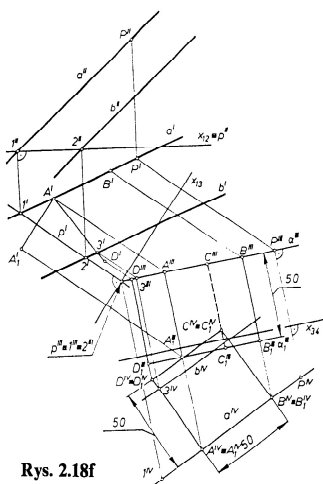
Rys. 2.18e



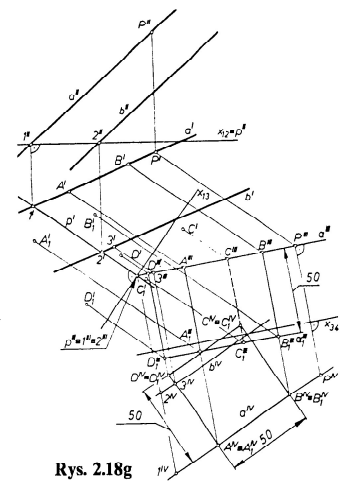
Rys. 2.18h



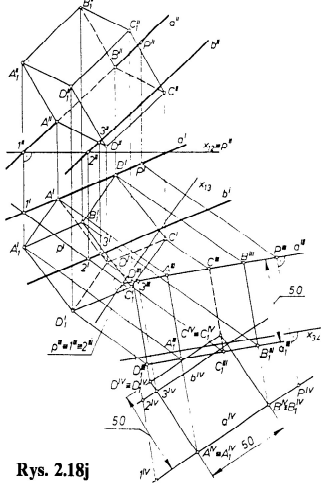
Rys. 2.18i



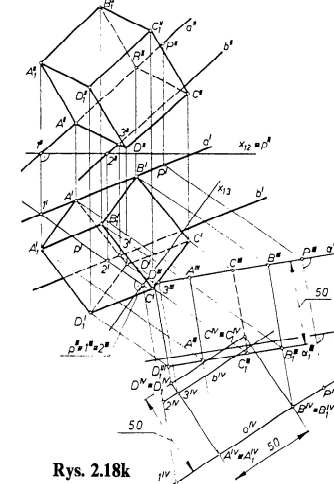
Rys. 2.18f



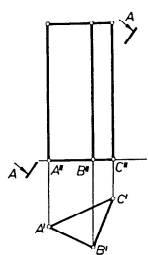
Rys. 2.18g



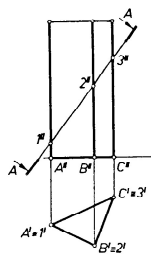
Rys. 2.18j



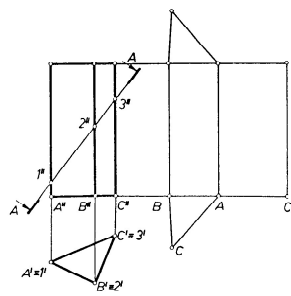
Rys. 2.18k



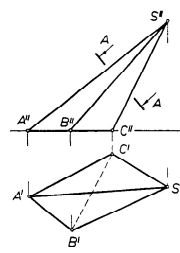
Rys. 3.1a



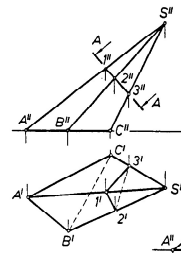
Rys. 3.1b



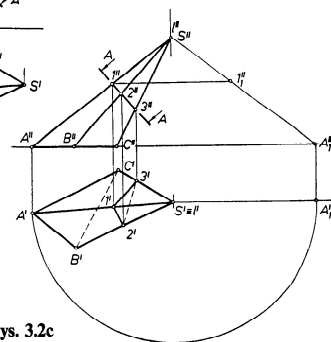
Rys. 3.1c



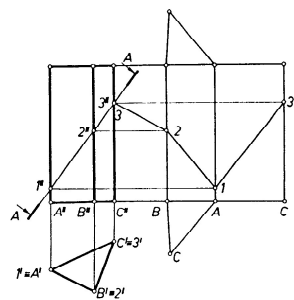
Rys. 3.2a



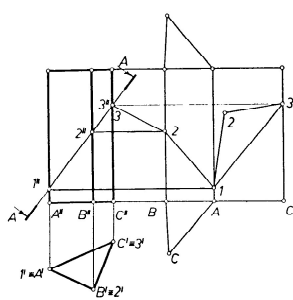
Rys. 3.2b



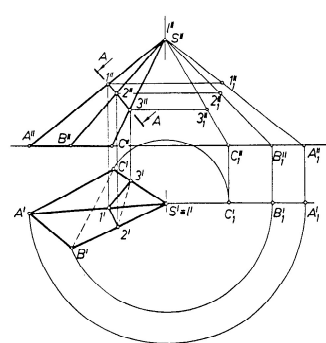
Rys. 3.2c



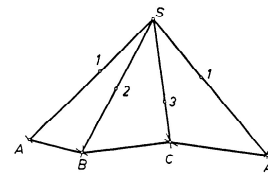
Rys. 3.1d



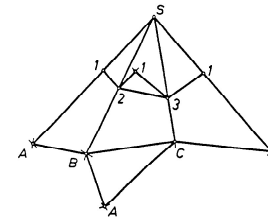
Rys. 3.1e



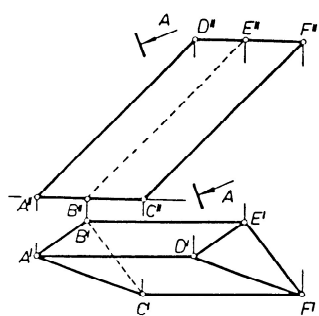
Rys. 3.2d



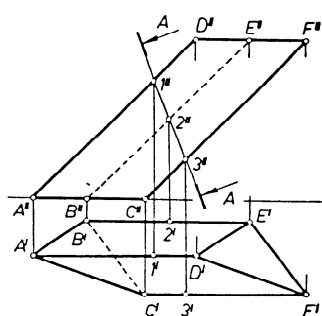
Rys. 3.2e



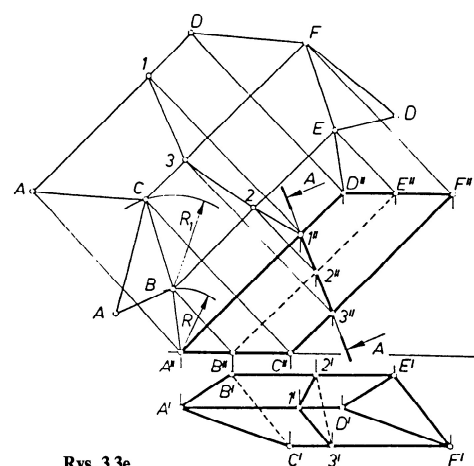
Rys. 3.2f



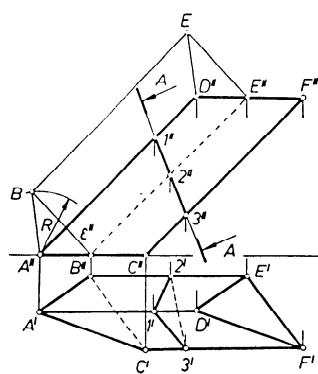
Rys. 3.3a



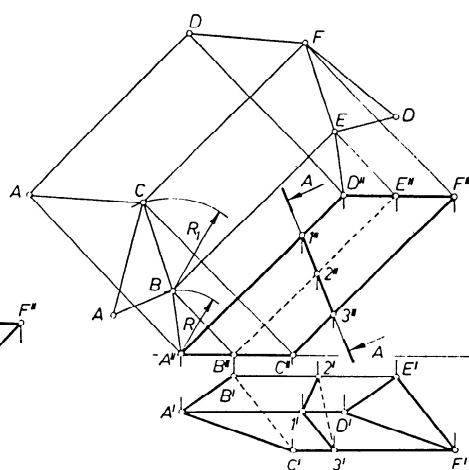
Rys. 3.3b



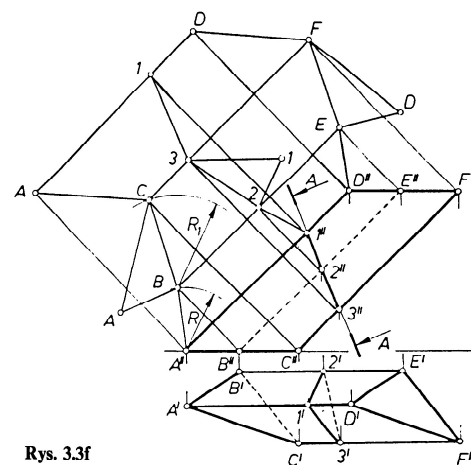
Rys. 3.3e



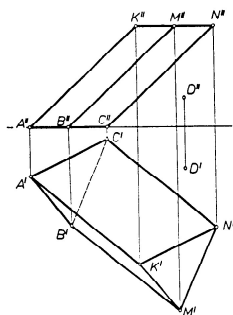
Rys. 3.3c



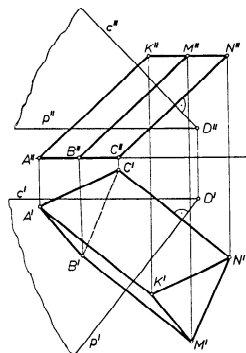
Rys. 3.3d



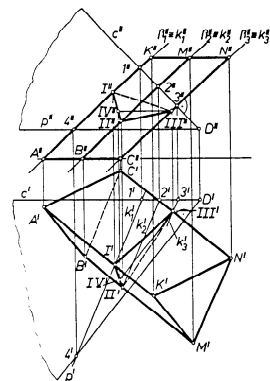
Rys. 3.3f



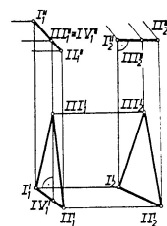
Rys. 3.4a



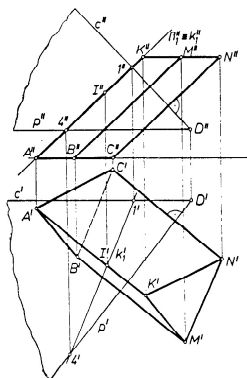
Rys. 3.4b



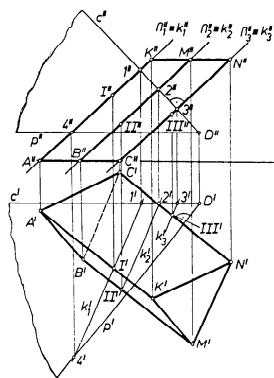
Rys. 3.4e



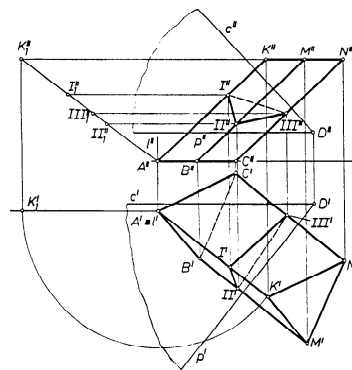
Rys. 3.4f



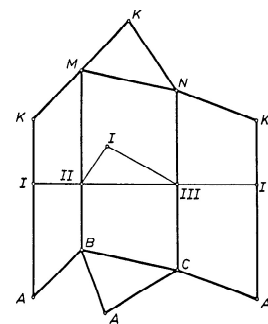
Rys. 3.4c



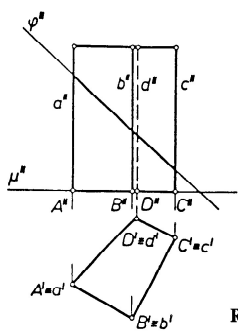
Rys. 3.4d



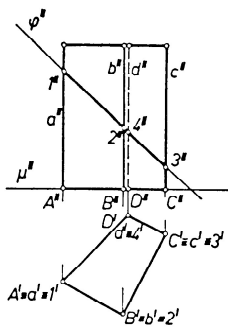
Rys. 3.4g



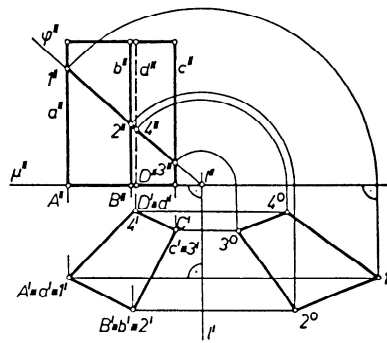
Rys. 3.4h



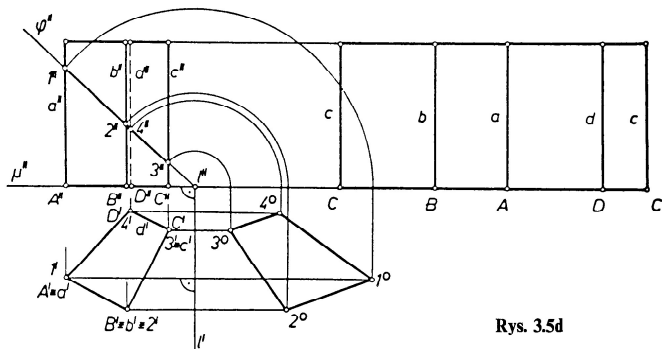
Rys. 3.5a



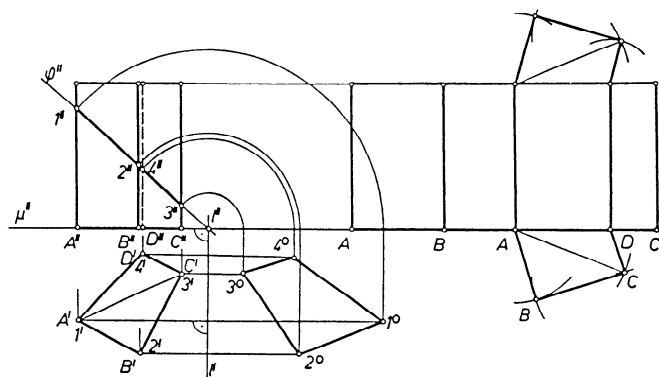
Rys. 3.5b



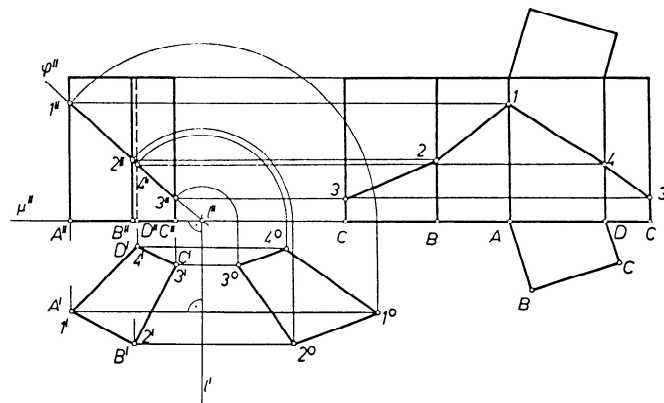
Rys. 3.5c



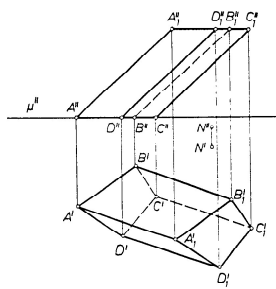
Rys. 3.5d



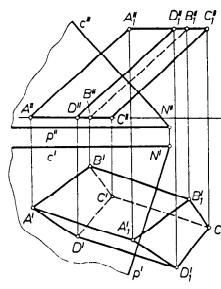
Rys. 3.5e



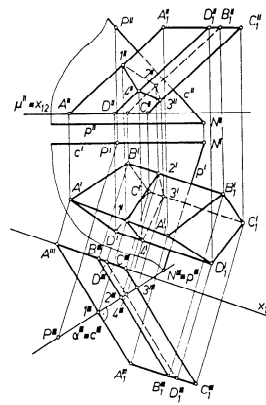
Rys. 3.5f



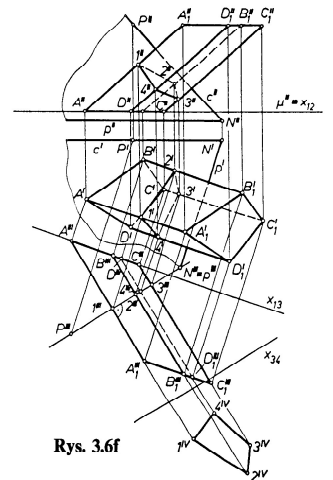
Rys. 3.6a



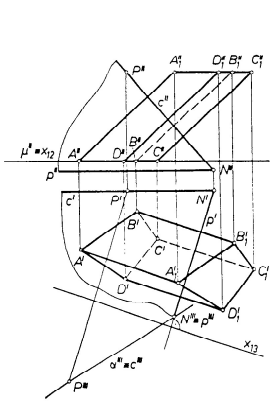
Rys. 3.6b



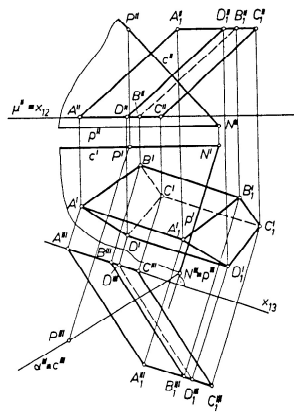
Rys. 3.6e



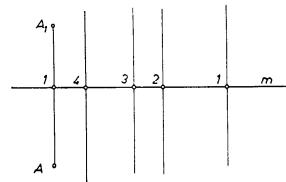
Rys. 3.6f



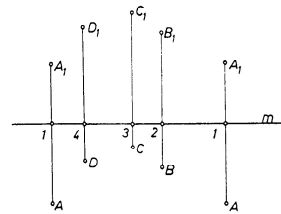
Rys. 3.6c



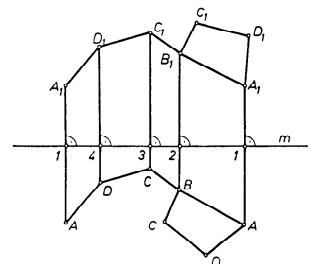
Rys. 3.6d



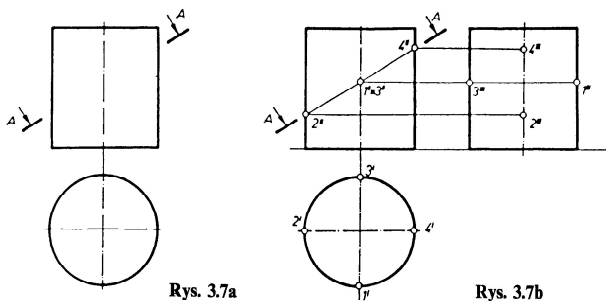
Rys. 3.6g



Rys. 3.6h

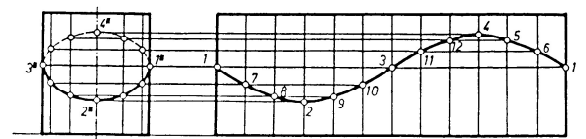


Rys. 3.6i

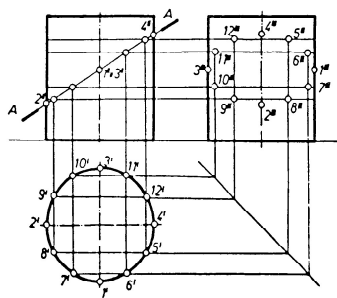


Rys. 3.7a

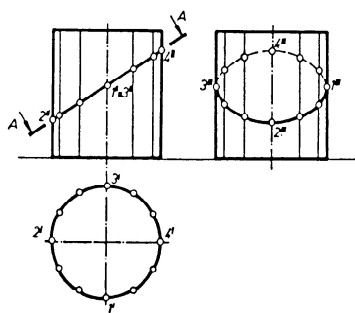
Rys. 3.7b



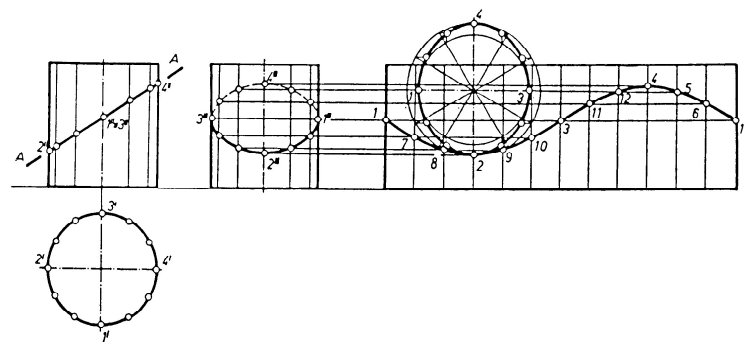
Rys. 3.7c



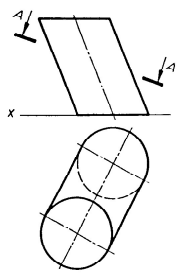
Rys. 3.7d



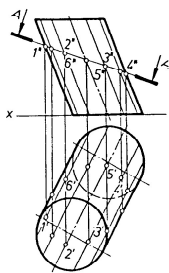
Rys. 3.7e



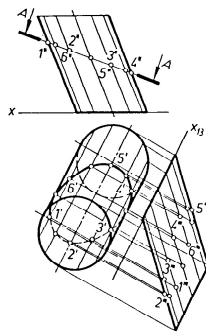
Rys. 3.7f



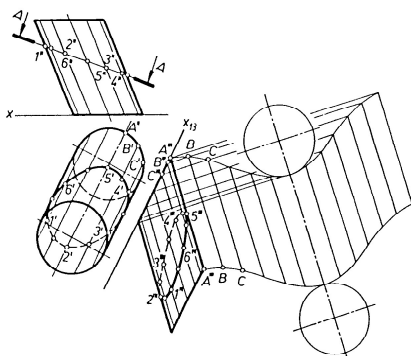
Rys. 3.8a



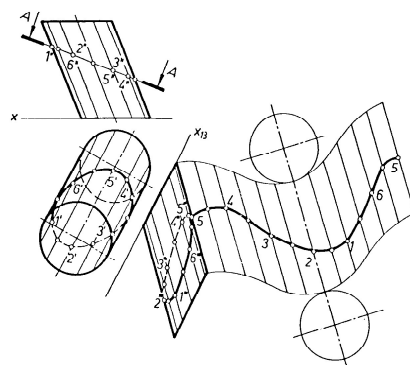
Rys. 3.8b



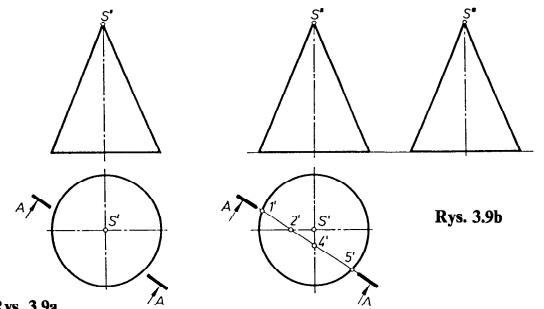
Rys. 3.8c



Rys. 3.8d

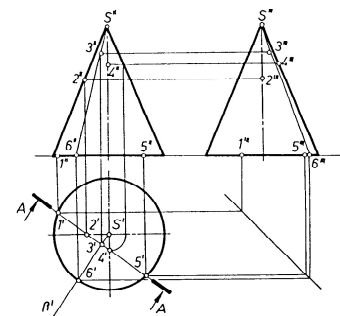


Rys. 3.8e

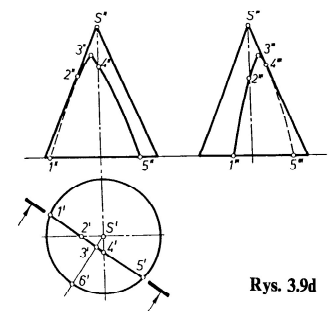


Rys. 3.9a

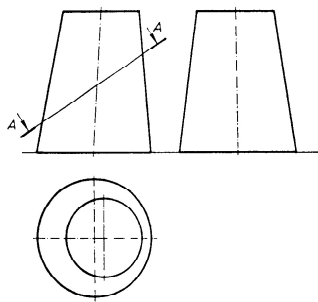
Rys. 3.9b



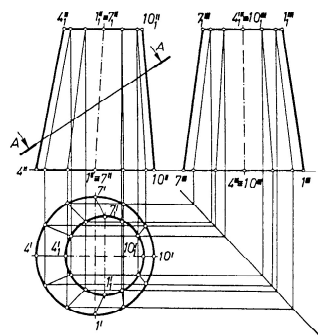
Rys. 3.9c



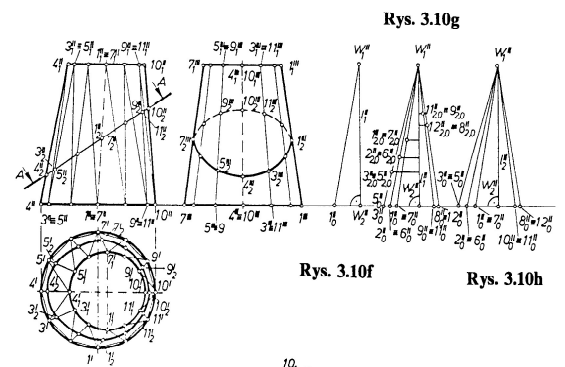
Rys. 3.9d



Rys. 3.10a



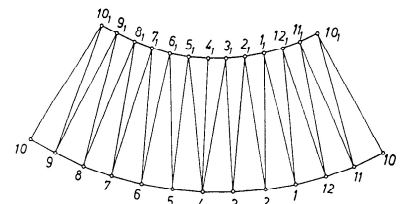
Rys. 3.10b



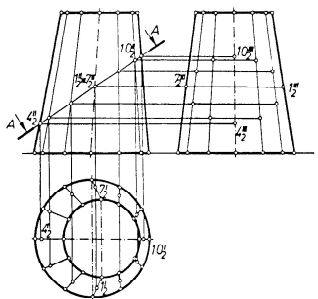
Rys. 3.10f

Rys. 3.10h

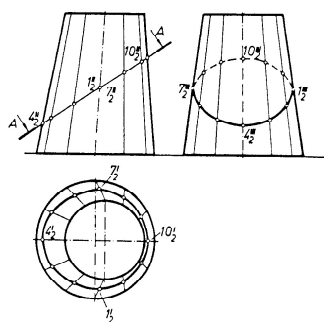
Rys. 3.10e



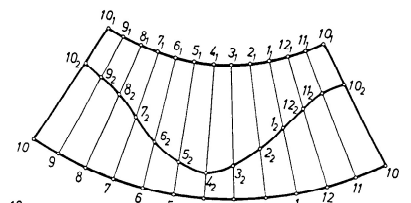
Rys. 3.10i



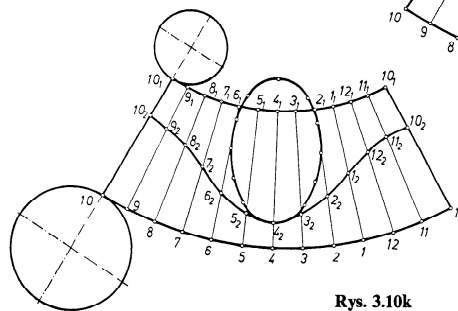
Rys. 3.10c



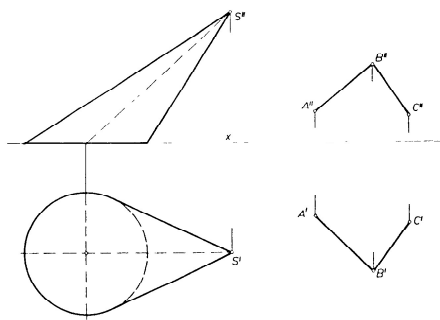
Rys. 3.10d



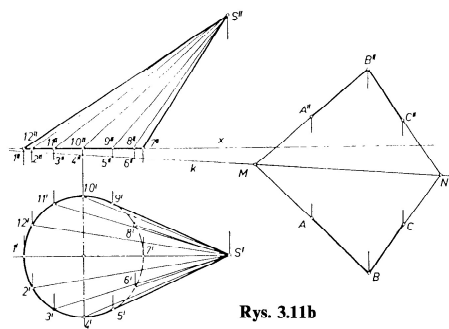
Rys. 3.10j



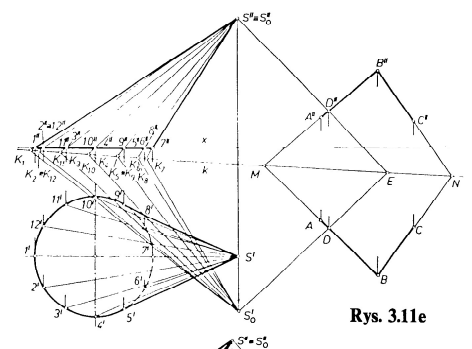
Rys. 3.10k



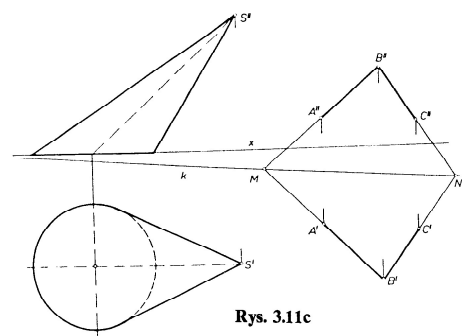
Rys. 3.11a



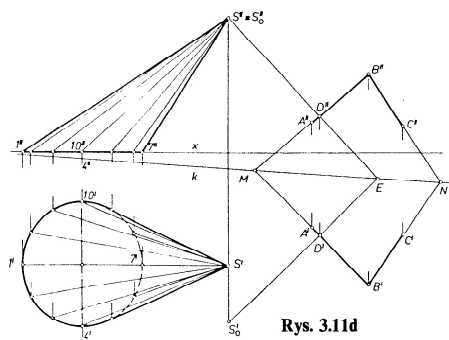
Rys. 3.11b



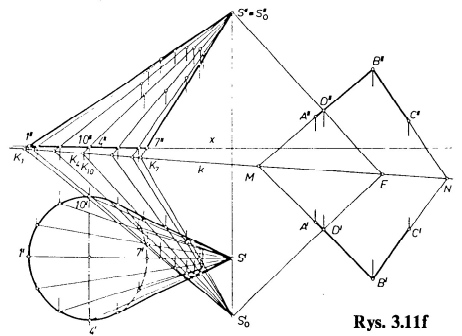
Rys. 3.11e



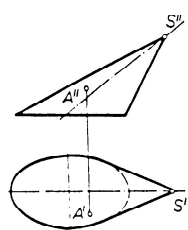
Rys. 3.11c



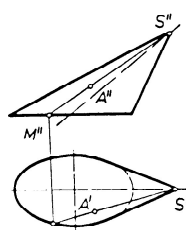
Rys. 3.11d



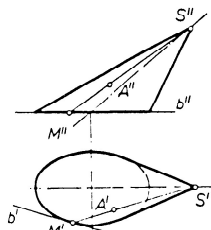
Rys. 3.11f



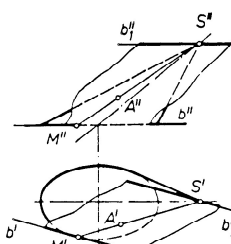
Rys. 3.12a



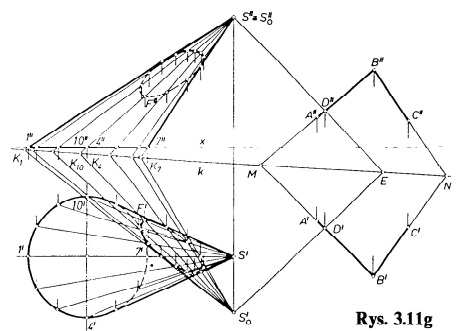
Rys. 3.12b



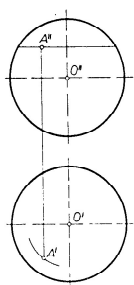
Rys. 3.12c



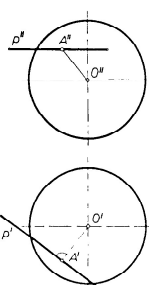
Rys. 3.12d



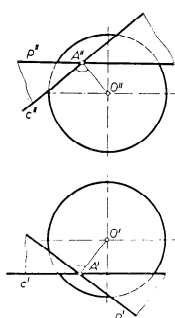
Rys. 3.11g



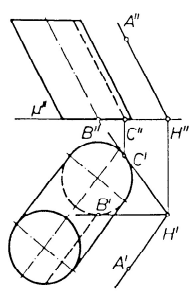
Rys. 3.13a



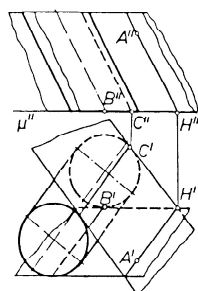
Rys. 3.13b



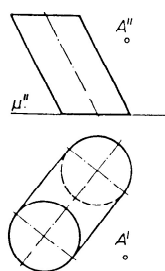
Rys. 3.13c



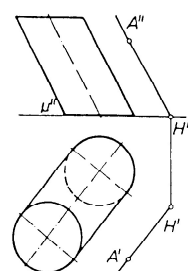
Rys. 3.14a



Rys. 3.14b



Rys. 3.14c



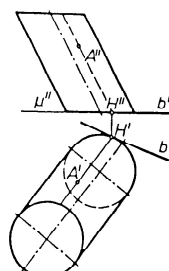
Rys. 3.14d



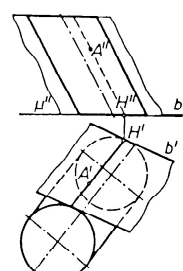
Rys. 3.15a



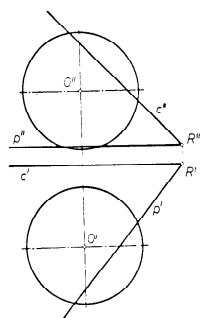
Rys. 3.15b



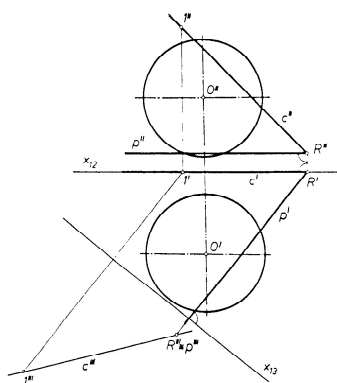
Rys. 3.15c



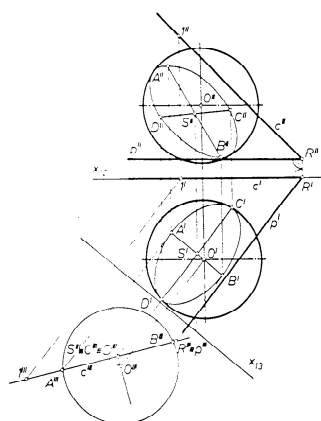
Rys. 3.15d



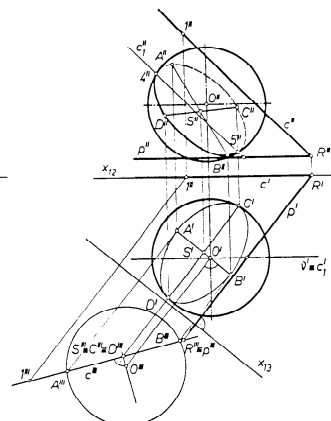
Rys. 3.16a



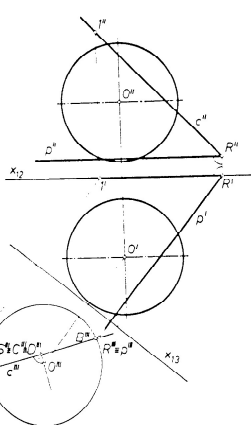
Rys. 3.16b



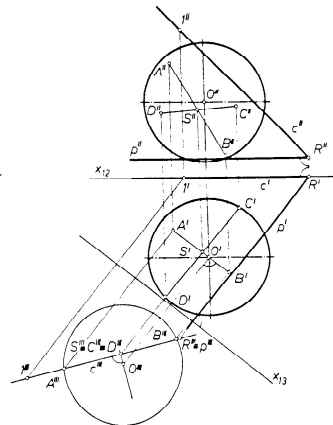
Rys. 3.16e



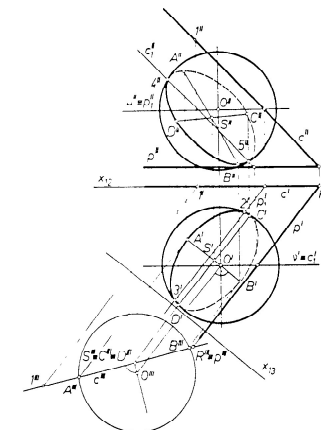
Rys. 3.16f



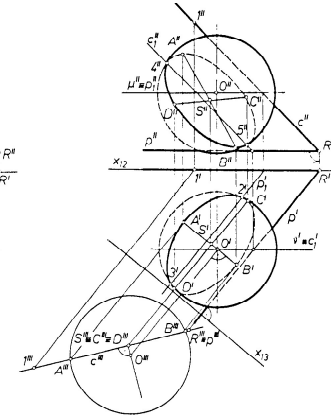
Rys. 3.16c



Rys. 3.16d

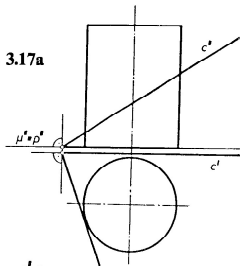


Rys. 3.16g

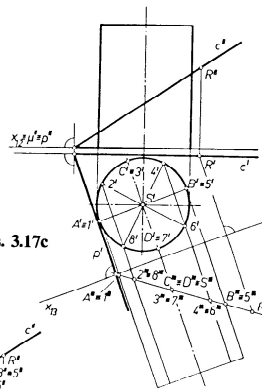


Rys. 3.16h

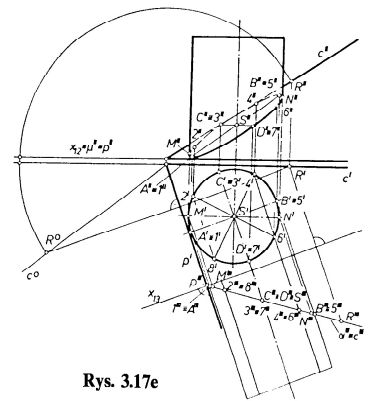
Rys. 3.17a



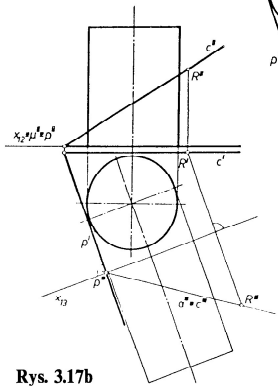
Rys. 3.17c



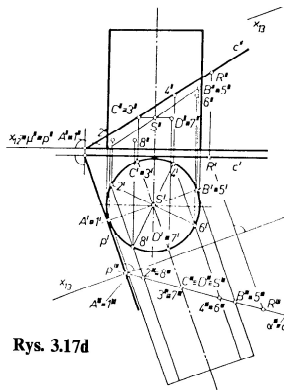
Rys. 3.17e



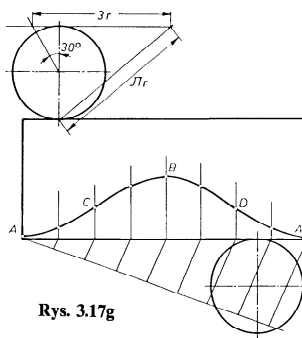
Rys. 3.17b



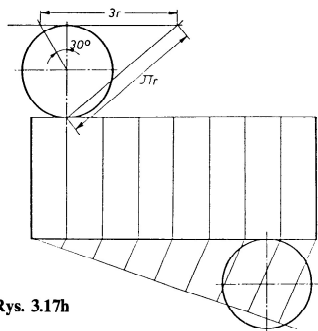
Rys. 3.17d



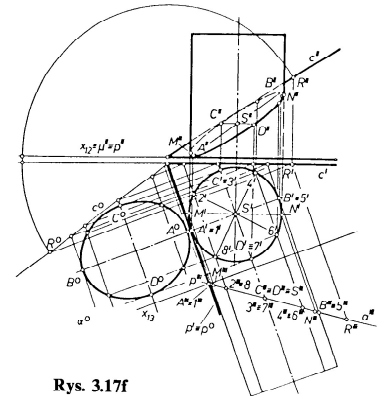
Rys. 3.17g

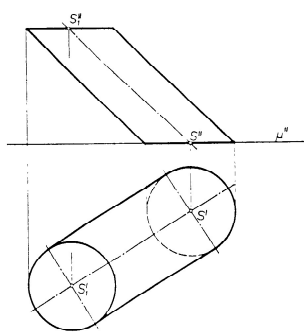


Rys. 3.17h

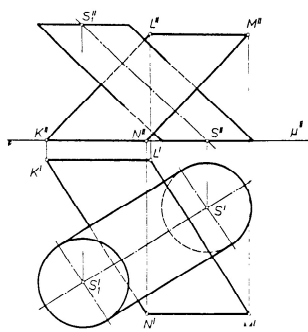


Rys. 3.17f

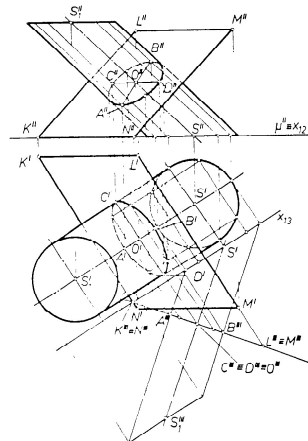




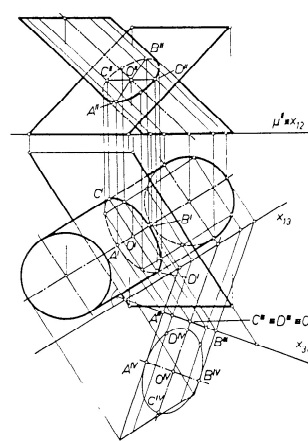
Rys. 3.18a



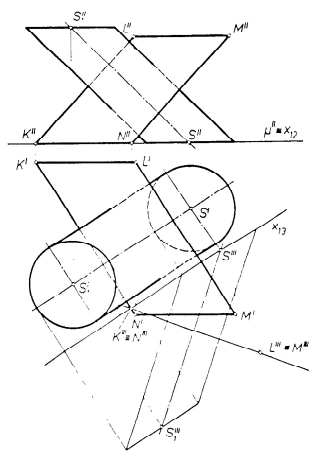
Rys. 3.18b



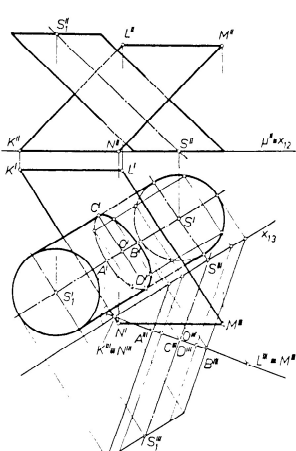
Rys. 3.18e



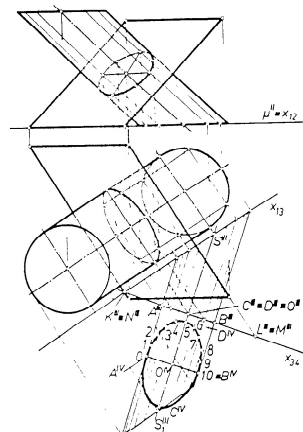
Rys. 3.18f



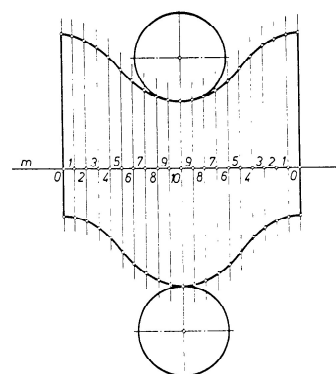
Rys. 3.18c



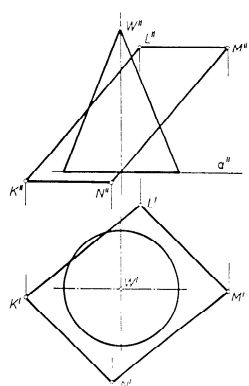
Rys. 3.18d



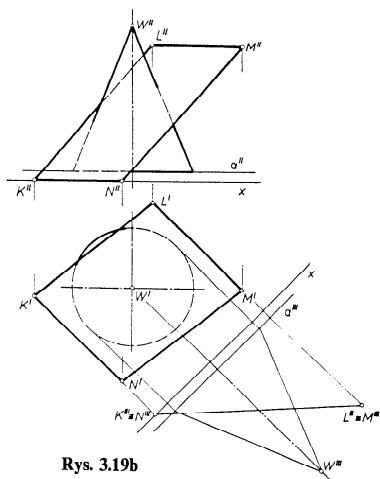
Rys. 3.18g



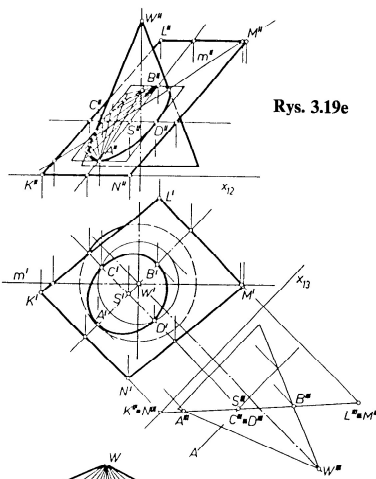
Rys. 3.18h



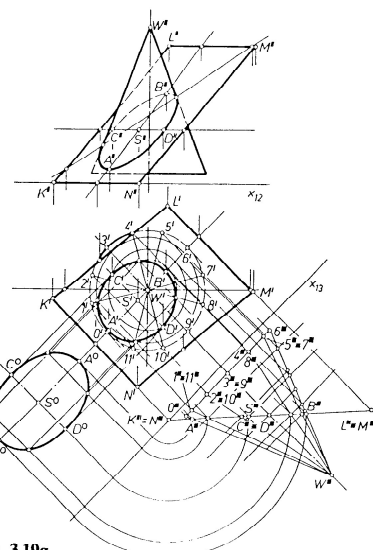
Rys. 3.19a



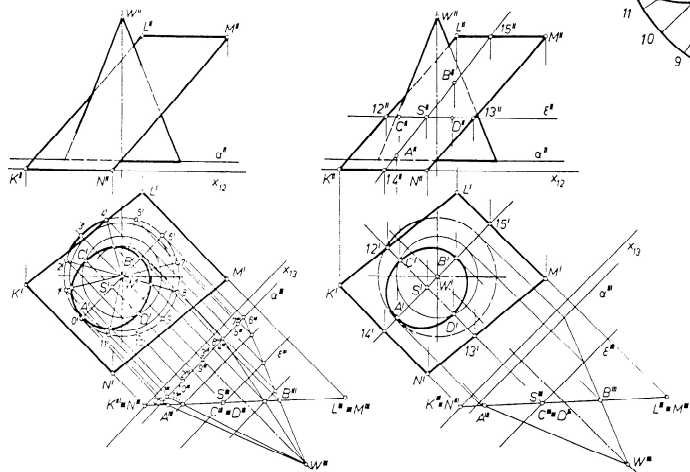
Rys. 3.19b



Rys. 3.19e

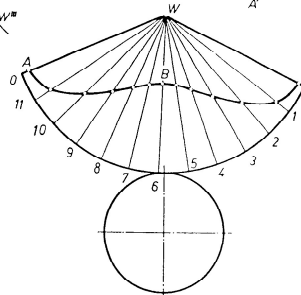


Rys. 3.19g

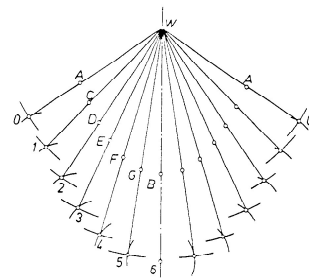


Rys. 3.19c

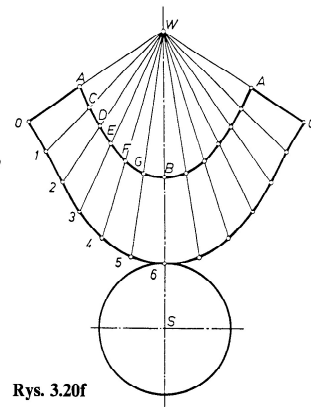
Rys. 3.19d



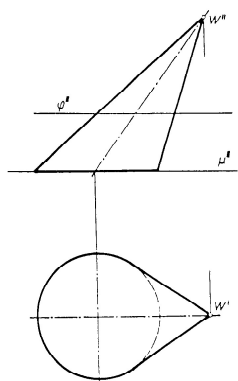
Rys. 3.19f



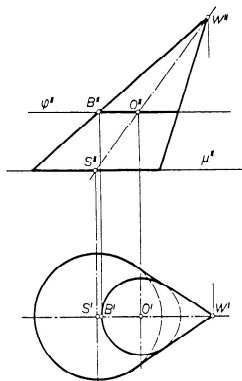
Rys. 3.20e



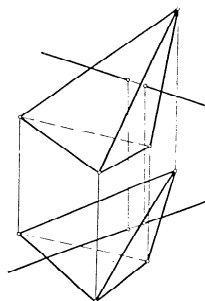
Rys. 3.20f



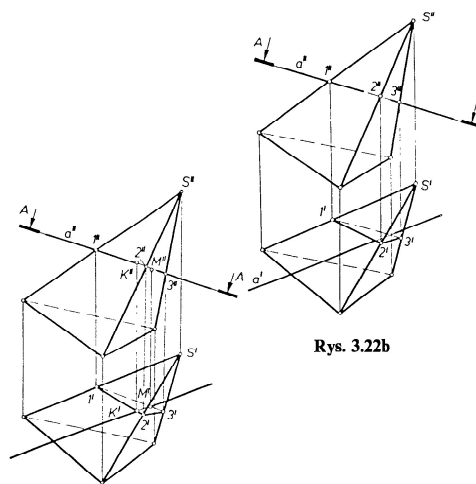
Rys. 3.20a



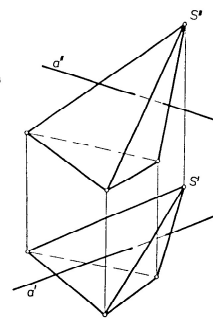
Rys. 3.20b



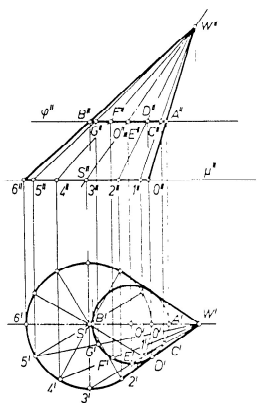
Rys. 3.22d



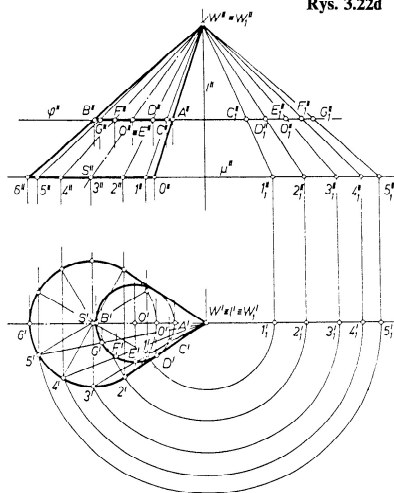
Rys. 3.22b



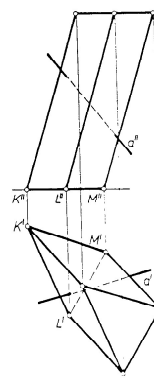
Rys. 3.22a



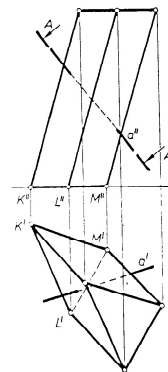
Rys. 3.20c



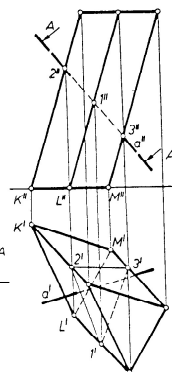
Rys. 3.20d



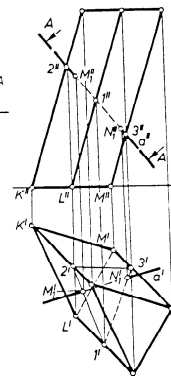
Rys. 3.21a



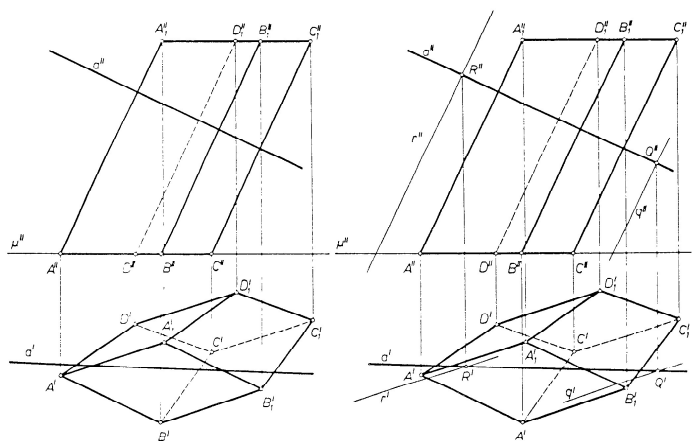
Rys. 3.21b



Rys. 3.21c

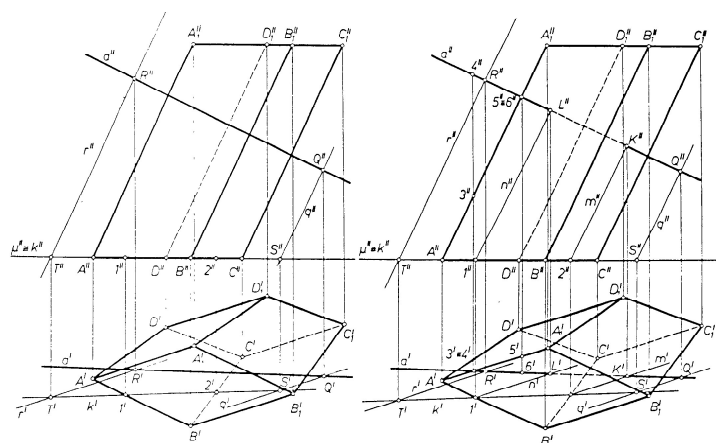


Rys. 3.21d



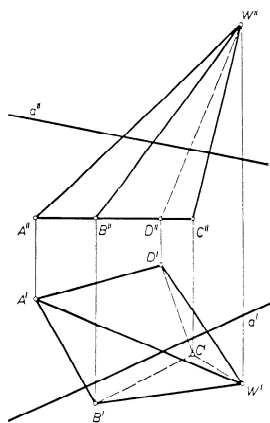
Rys. 3.23a

Rys. 3.23b

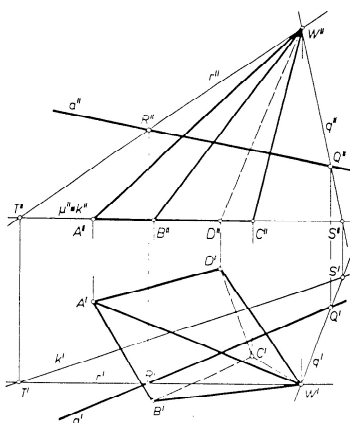


Rys. 3.23c

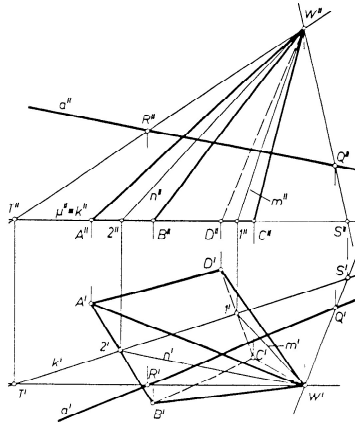
Rys. 3.23d



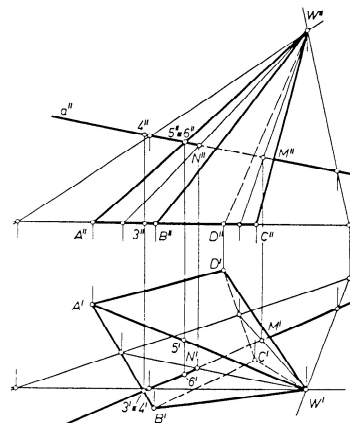
Rys. 3.24a



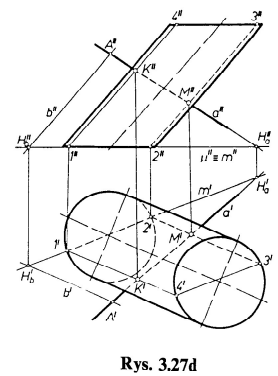
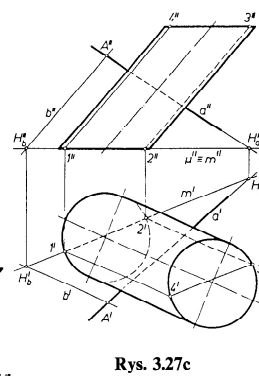
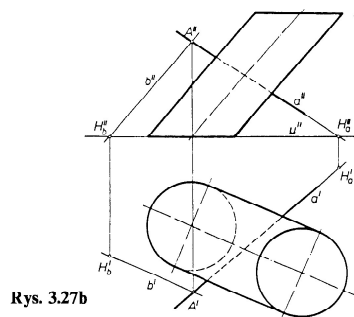
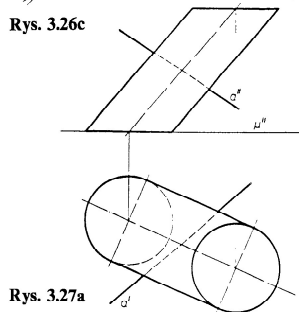
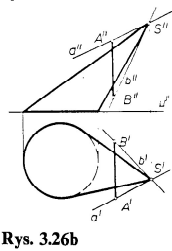
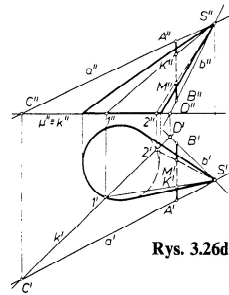
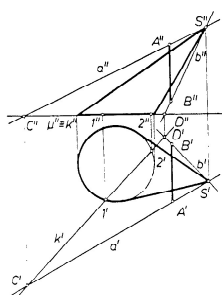
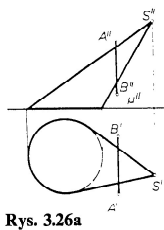
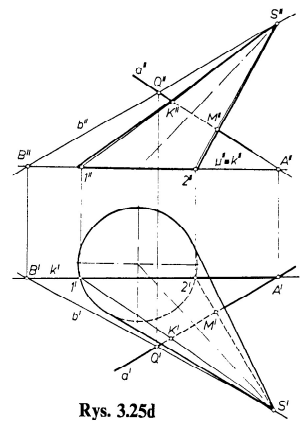
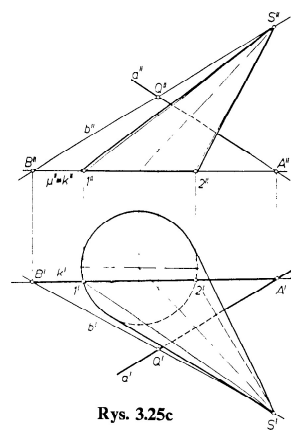
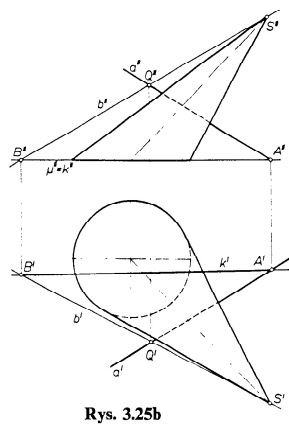
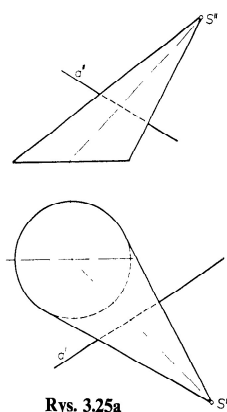
Rys. 3.24b

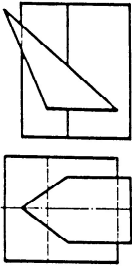


Rys. 3.24c

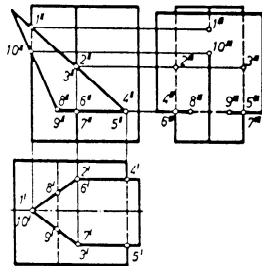


Rys. 3.24d

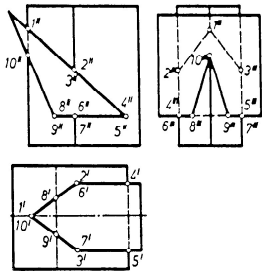




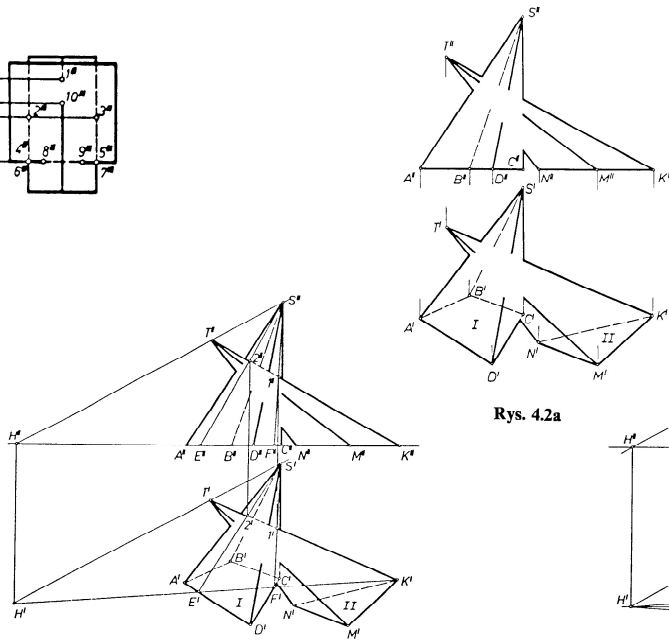
Rys. 4.1a



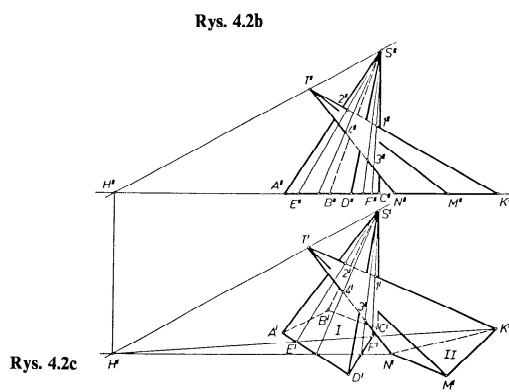
Rys. 4.1b



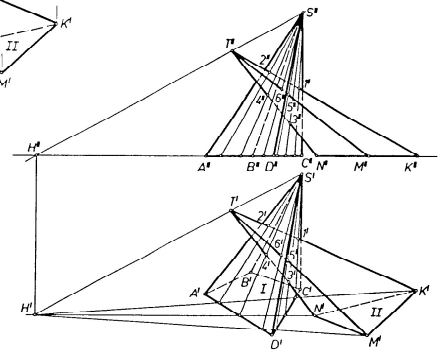
Rys. 4.1c



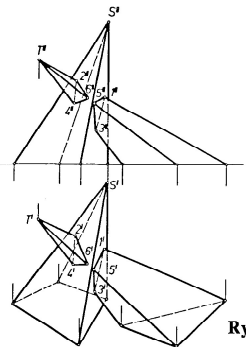
Rys. 4.2a



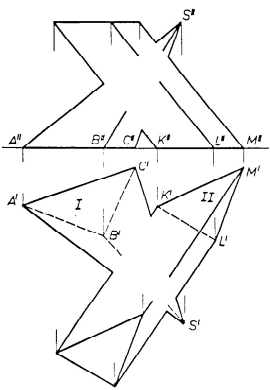
Rys. 4.2c



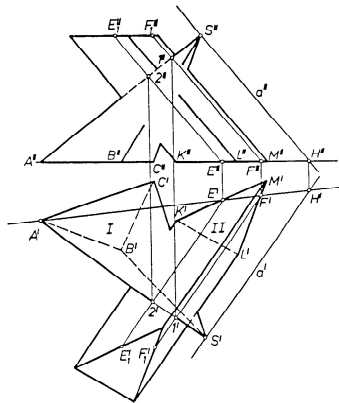
Rys. 4.2d



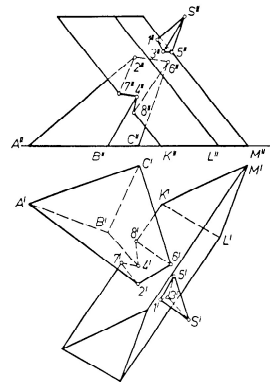
Rys. 4.2e



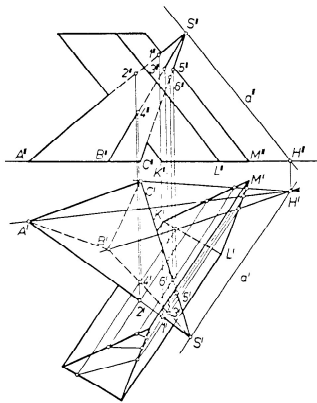
Rys. 4.3a



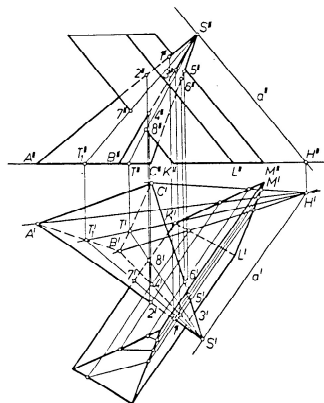
Rys. 4.3b



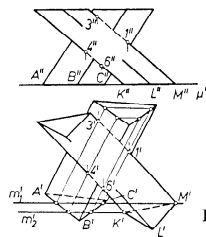
Rys. 4.3c



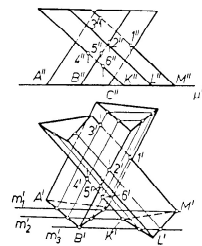
Rys. 4.3c



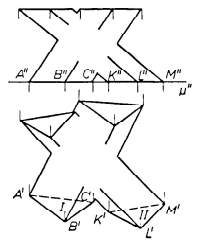
Rys. 4.3d



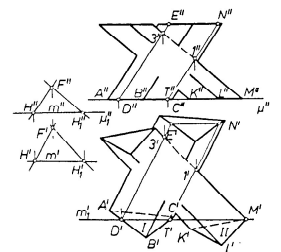
Rys. 4.4c



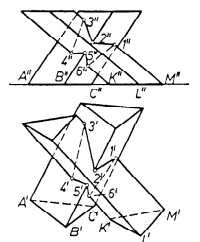
Rys. 4.4d



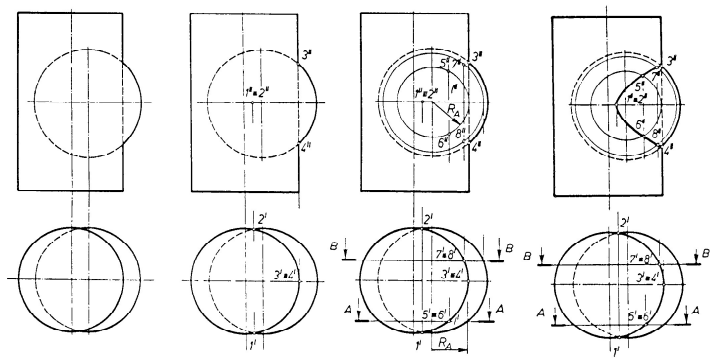
Rys. 4.4a



Rys. 4.4b



Rys. 4.4e

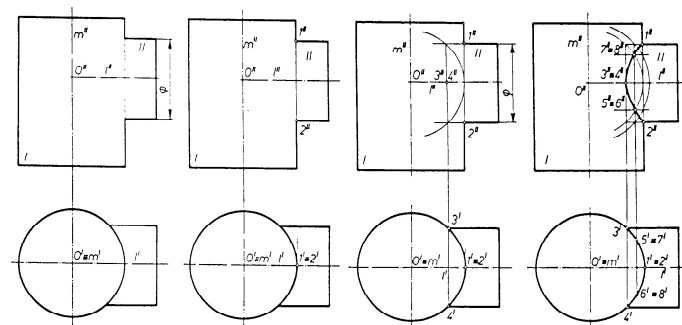


Rys. 4.5a

Rys. 4.5b

Rys. 4.5c

Rys. 4.5d

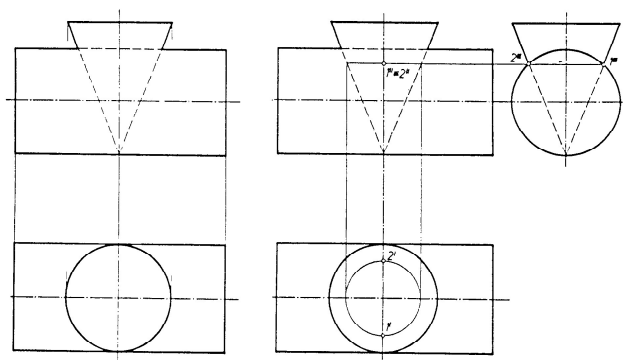


Rys. 4.7a

Rys. 4.7b

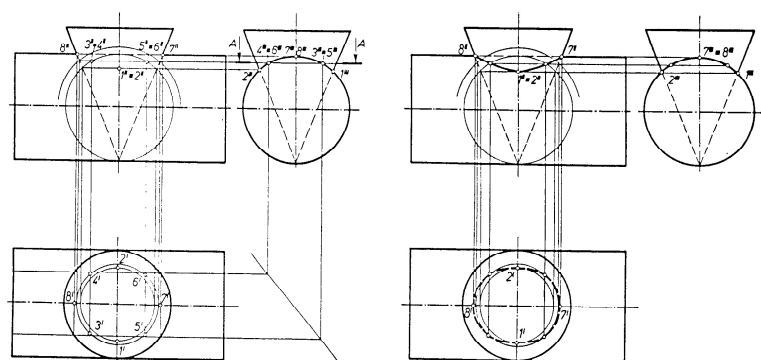
Rys. 4.7c

Rys. 4.7d



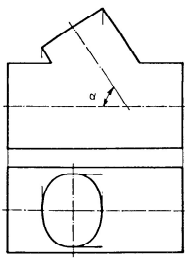
Rys. 4.6a

Rys. 4.6b

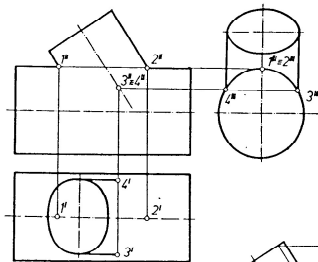


Rys. 4.6c

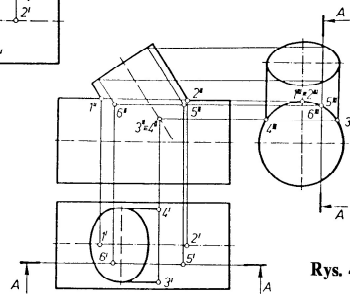
Rys. 4.6d



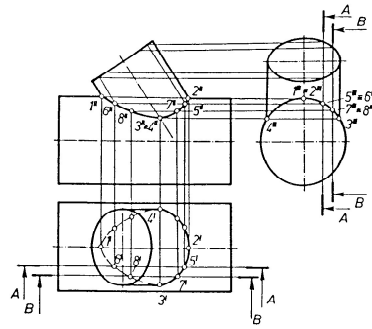
Rys. 4.8a



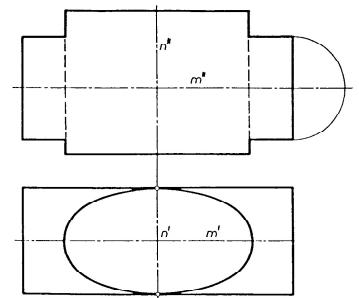
Rys. 4.8b



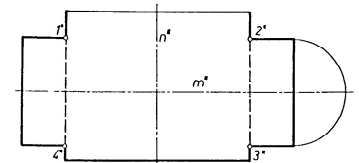
Rys. 4.8c



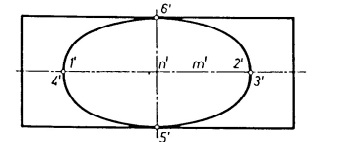
Rys. 4.8d



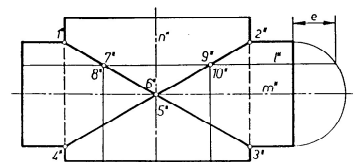
Rys. 4.10a



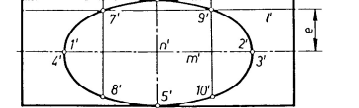
Rys. 4.10b



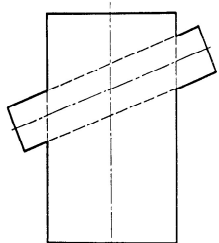
Rys. 4.10c



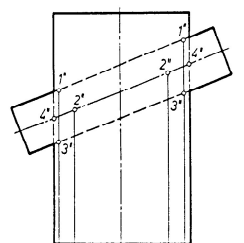
Rys. 4.10d



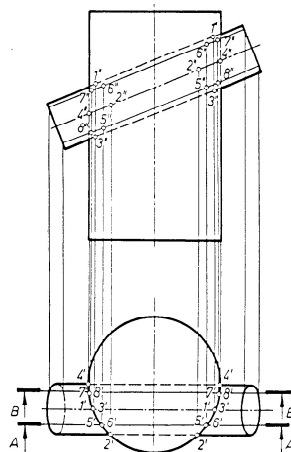
Rys. 4.10e



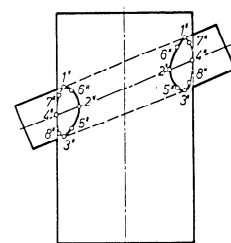
Rys. 4.9a



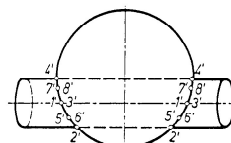
Rys. 4.9b



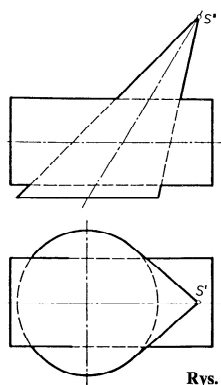
Rys. 4.9c



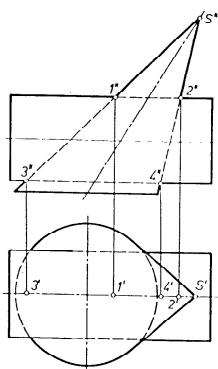
Rys. 4.9d



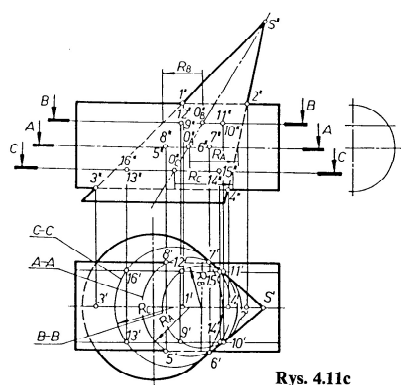
Rys. 4.10e



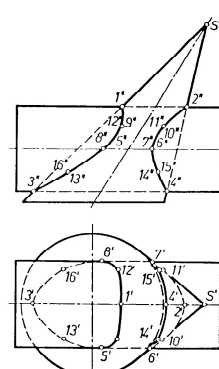
Rys. 4.11a



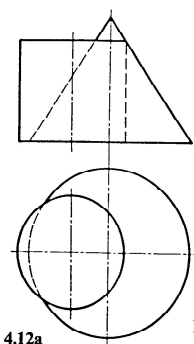
Rys. 4.11b



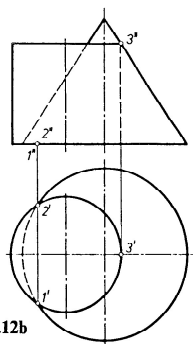
Rys. 4.11c



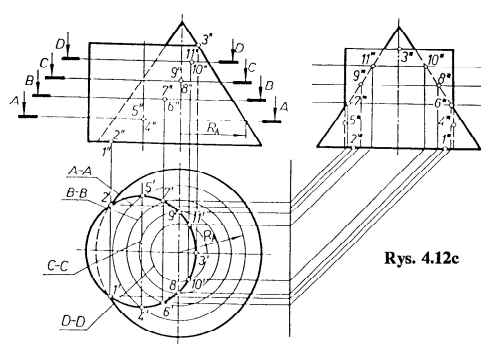
Rys. 4.11d



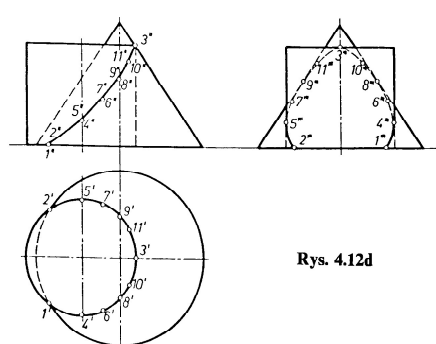
Rys. 4.12a



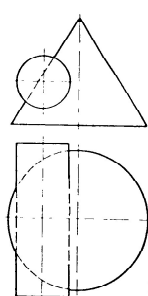
Rys. 4.12b



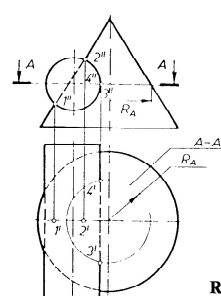
Rys. 4.12c



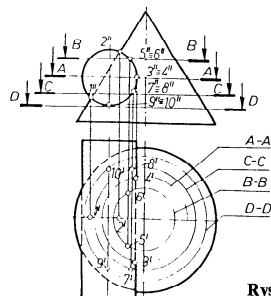
Rys. 4.12d



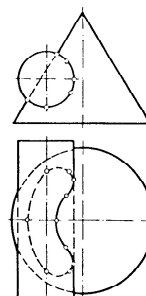
Rys. 4.13a



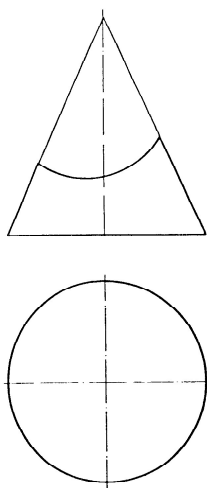
Rys. 4.13b



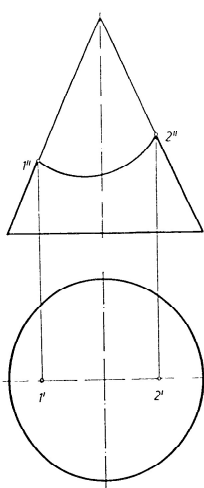
Rys. 4.13c



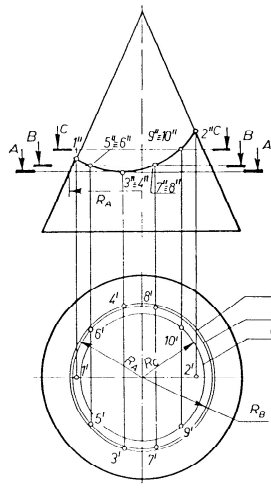
Rys. 4.13d



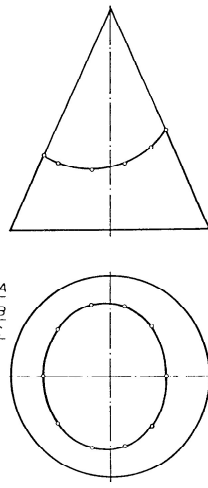
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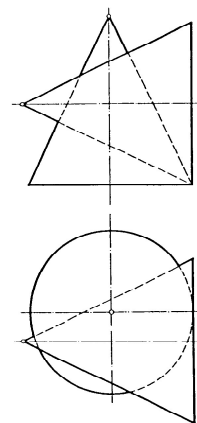
Rys. 4.15b



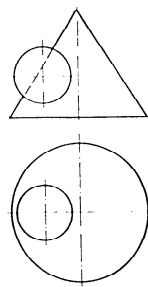
Rys. 4.15c



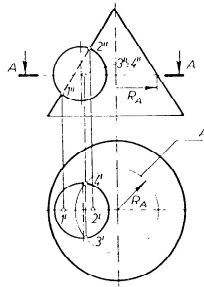
Rys. 4.15d



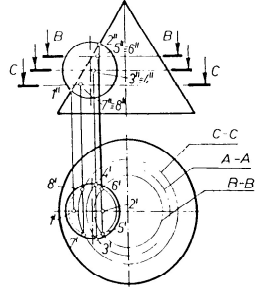
Rys. 4.16a



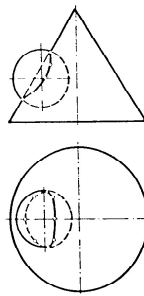
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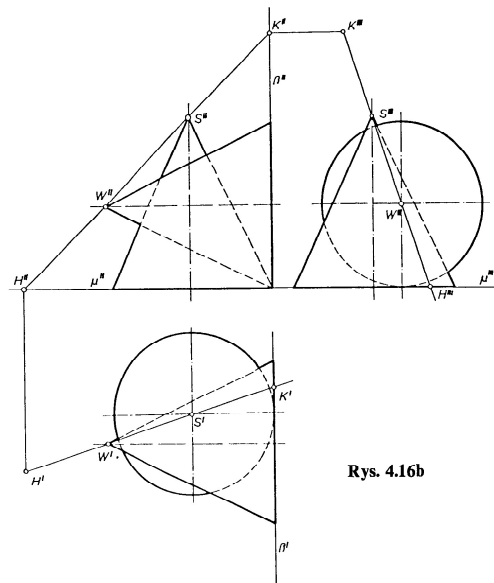
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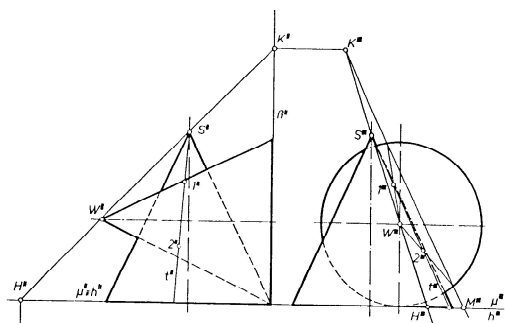
Rys. 4.14c



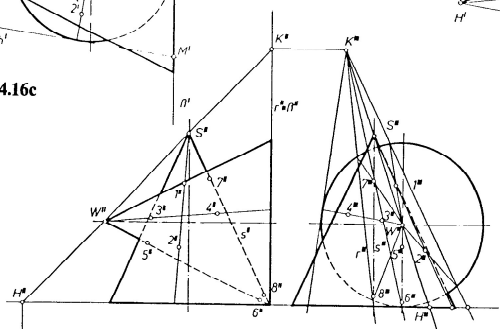
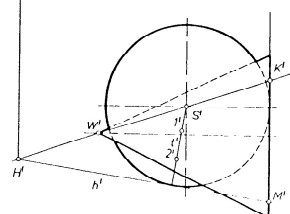
Rys. 4.14d



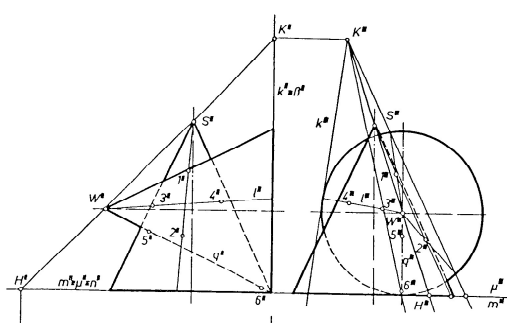
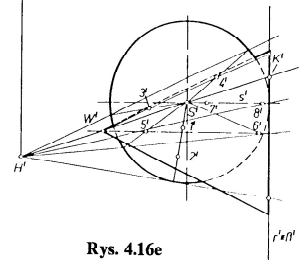
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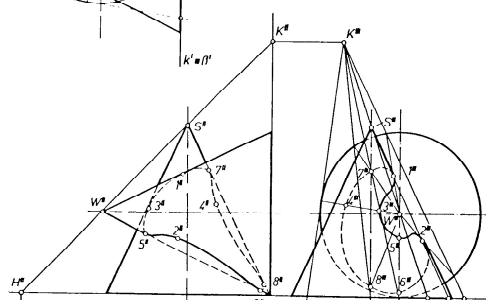
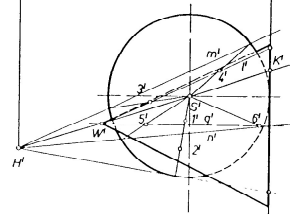
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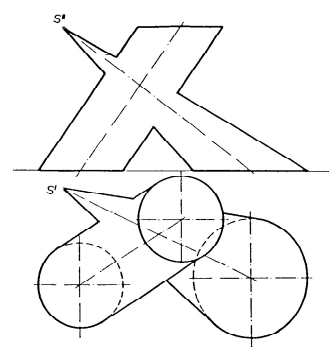
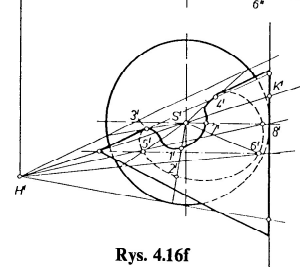
Rys. 4.16e



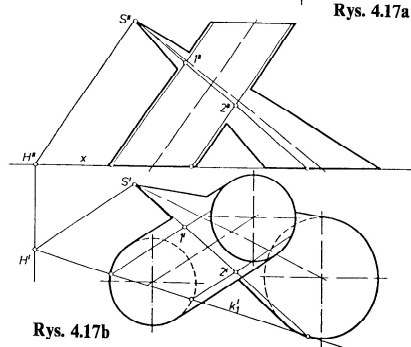
Rys. 4.16d



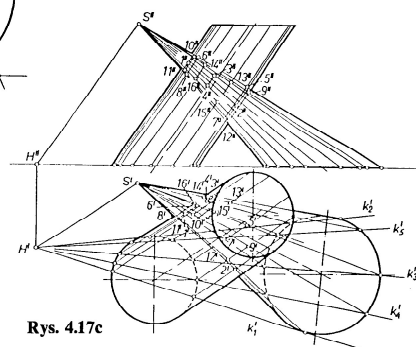
Rys. 4.16f



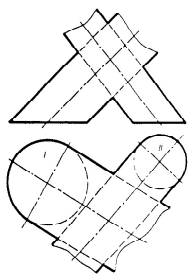
Rys. 4.17a



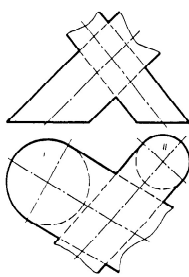
Rys. 4.17b



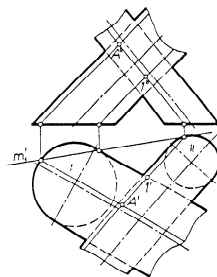
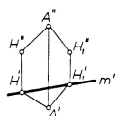
Rys. 4.17c



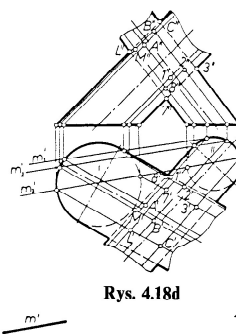
Rys. 4.18a



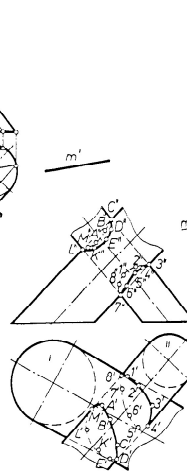
Rys. 4.18b



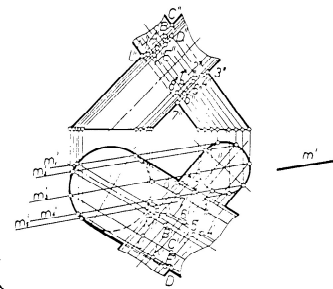
Rys. 4.18c



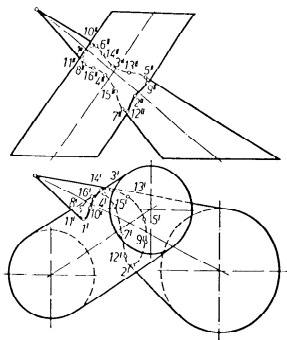
Rys. 4.18d



Rys. 4.18e



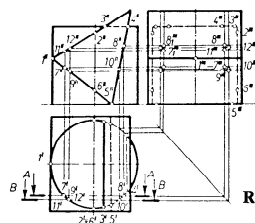
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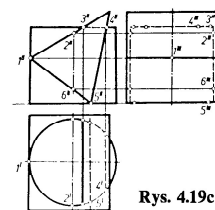
Rys. 4.17d



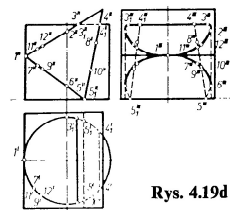
Rys. 4.19a



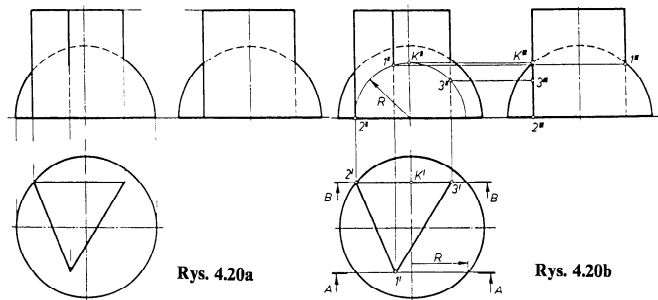
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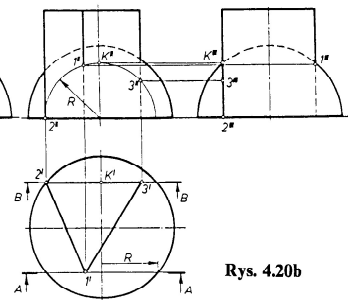
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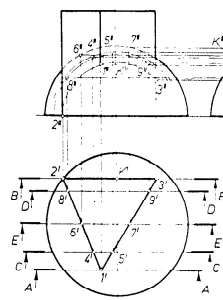
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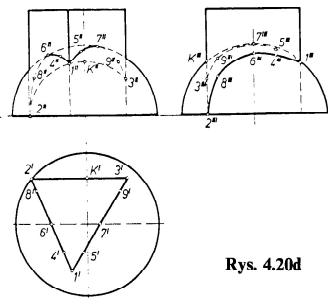
Rys. 4.20a



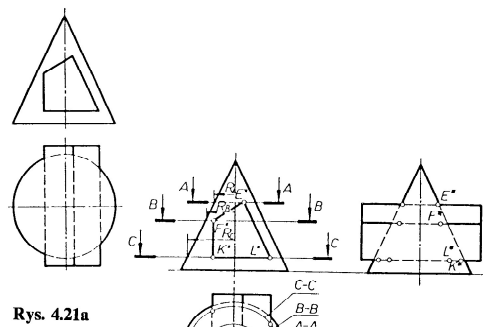
Rys. 4.20b



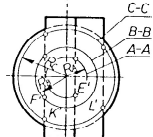
Rys. 4.20c



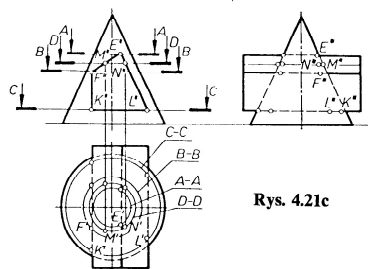
Rys. 4.20d



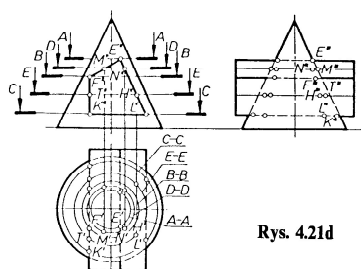
Rys. 4.21a



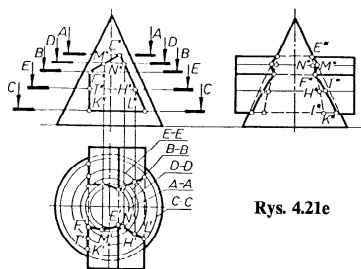
Rys. 4.21b



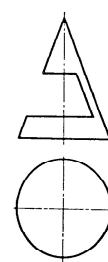
Rys. 4.21c



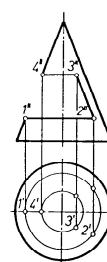
Rys. 4.21d



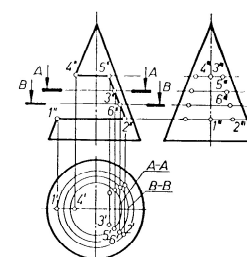
Rys. 4.21e



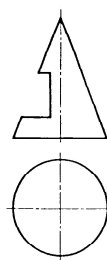
Rys. 4.23a



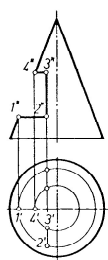
Rys. 4.23b



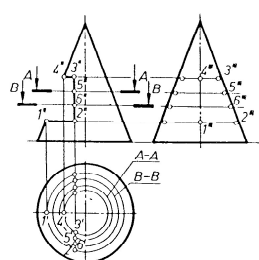
Rys. 4.23c



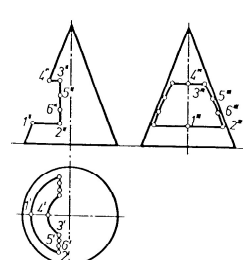
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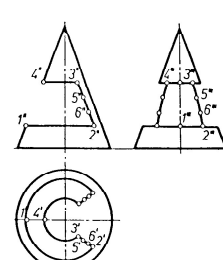
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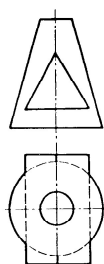
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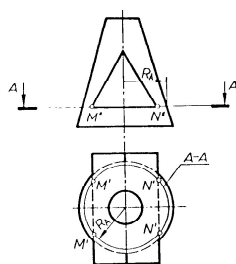
Rys. 4.22d



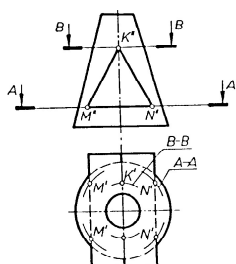
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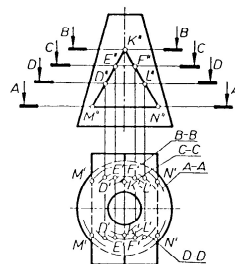
Rys. 4.24a



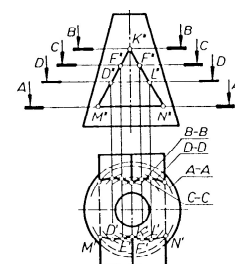
Rys. 4.24b



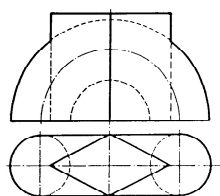
Rys. 4.24c



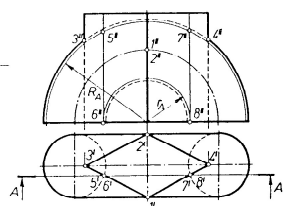
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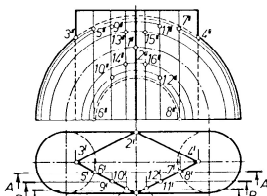
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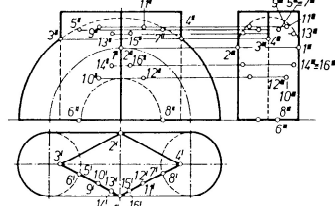
Rys. 4.25a



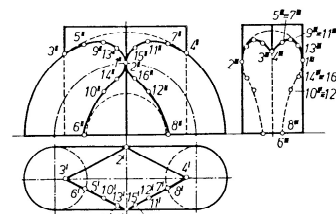
Rys. 4.25b



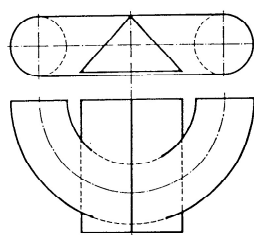
Rys. 4.25c



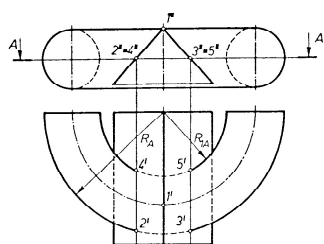
Rys. 4.25d



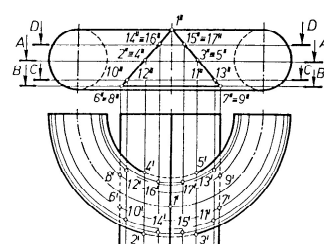
Rys. 4.25e



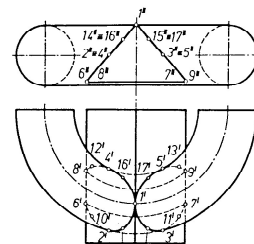
Rys. 4.26a



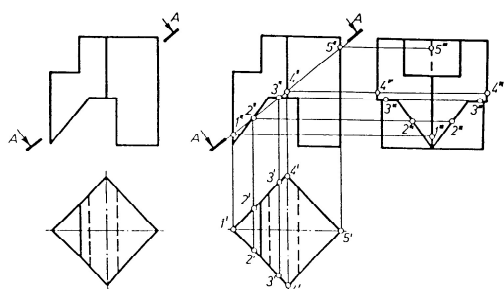
Rys. 4.26b



Rys. 4.26c

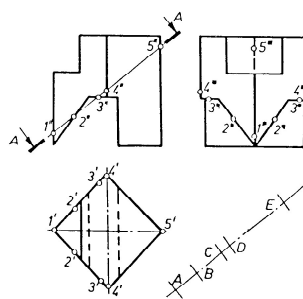


Rys. 4.26d

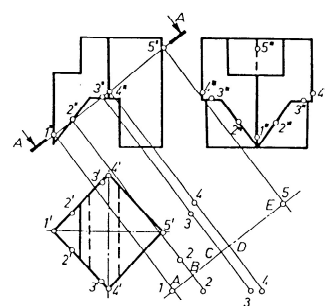


Rys. 5.1a

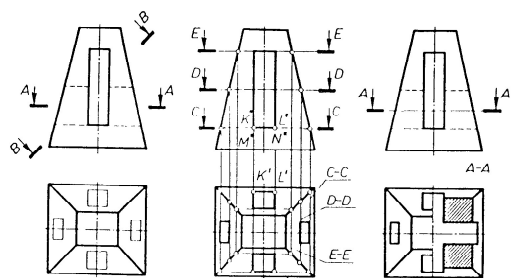
Rys. 5.1b



Rys. 5.1c



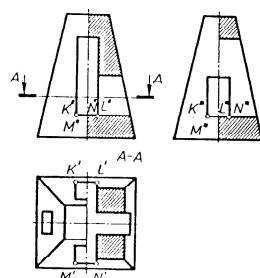
Rys. 5.1d



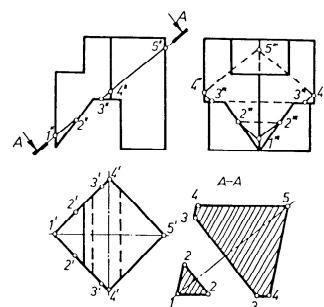
Rys. 5.2a

Rys. 5.2b

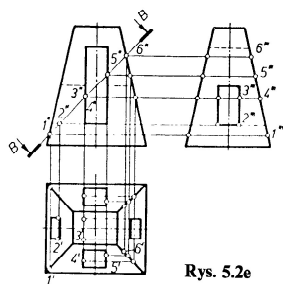
Rys. 5.2c



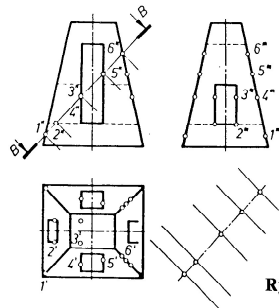
Rys. 5.2d



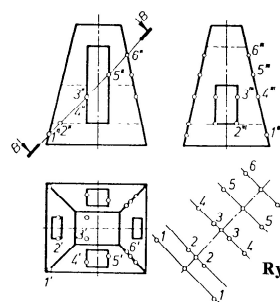
Rys. 5.1e



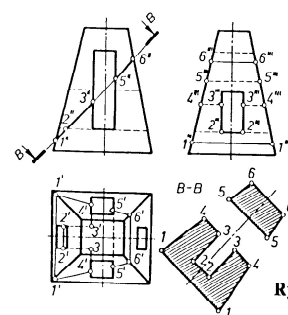
Rys. 5.2e



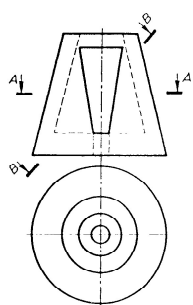
Rys. 5.2f



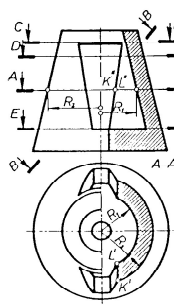
Rys. 5.2g



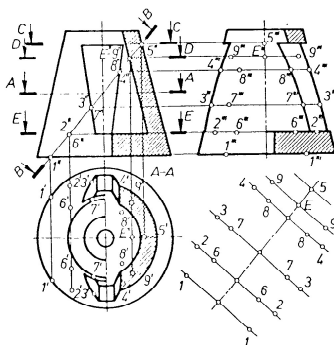
Rys. 5.2h



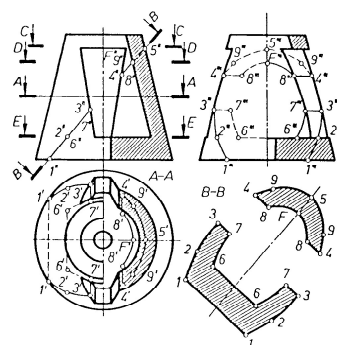
Rys. 5.3a



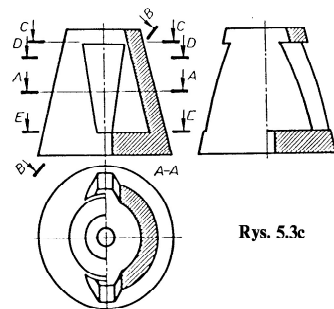
Rys. 5.3b



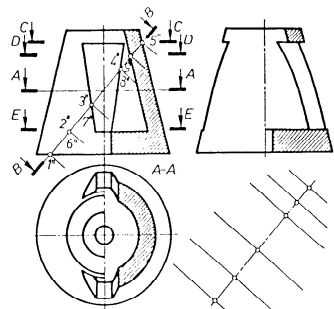
Rys. 5.3c



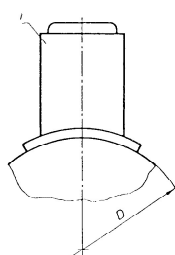
Rys. 5.3f



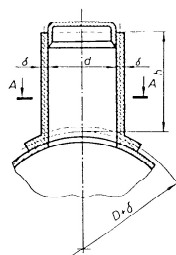
Rys. 5.3c



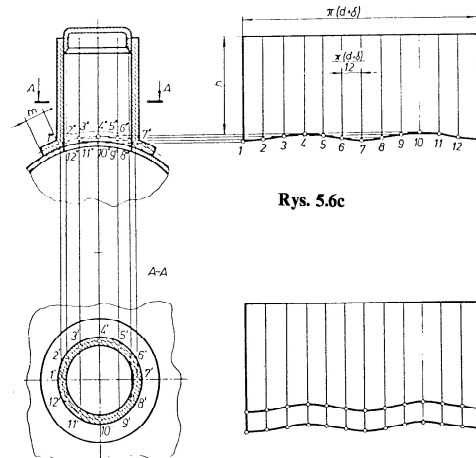
Rys. 5.3d



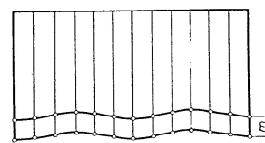
Rys. 5.6a



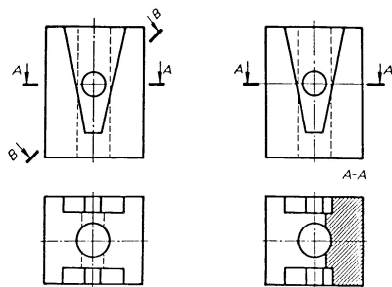
Rys. 5.6b



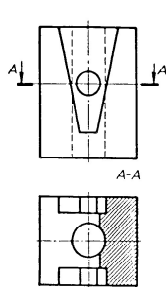
Rys. 5.6c



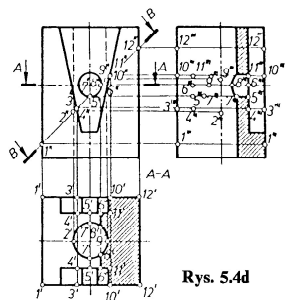
Rys. 5.6d



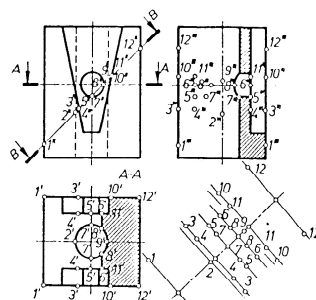
Rys. 5.4a



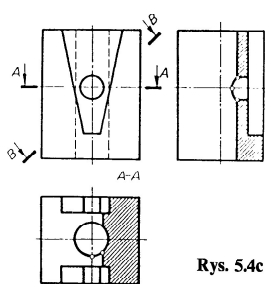
Rys. 5.4b



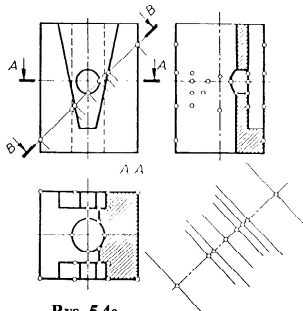
Rys. 5.4d



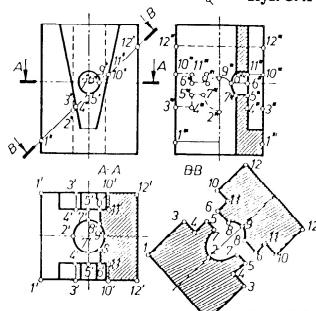
Rys. 5.4f



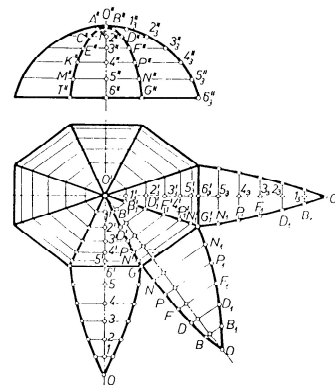
Rys. 5.4c



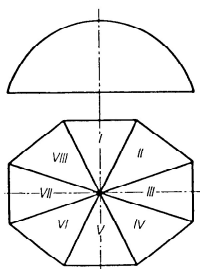
Rys. 5.4e



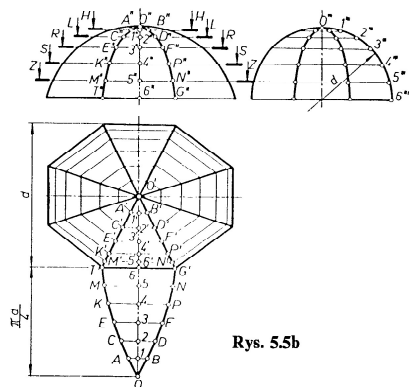
Rys. 5.4g



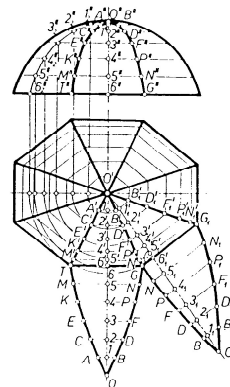
Rys. 5.5d



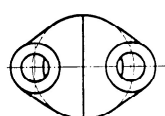
Rys. 5.5a



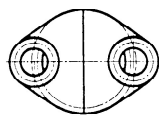
Rys. 5.5b



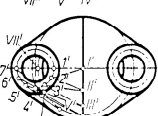
Rys. 5.5c



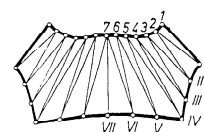
Rys. 5.7a



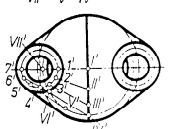
Rys. 5.7b



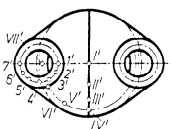
Rys. 5.7e



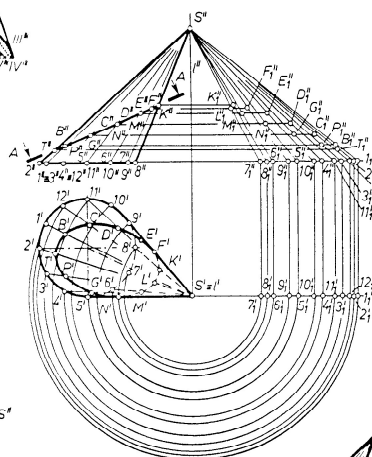
Rys. 5.7h



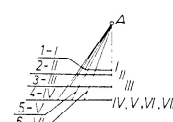
Rys. 5.7c



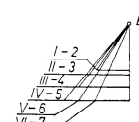
Rys. 5.7d



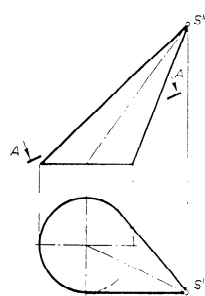
Rys. 5.8d



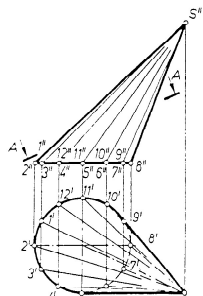
Rys. 5.7f



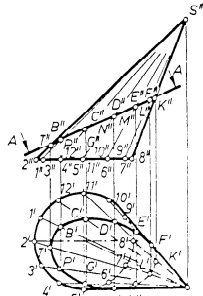
Rys. 5.7g



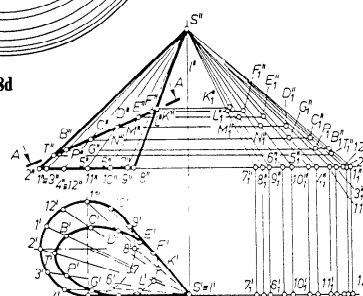
Rys. 5.8a



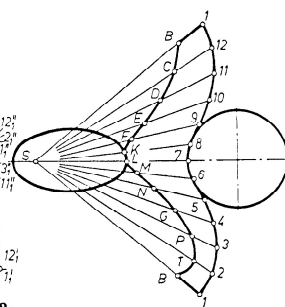
Rys. 5.8b

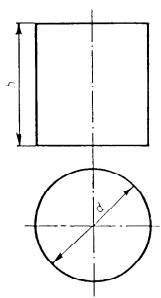


Rys. 5.8c

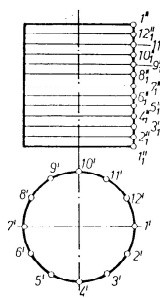


Rys. 5.8e

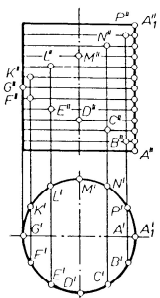




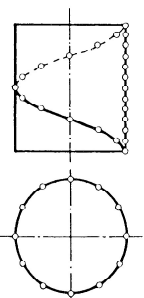
Rys. 5.9a



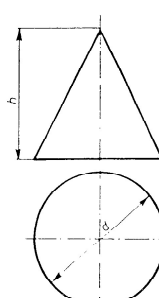
Rys. 5.9b



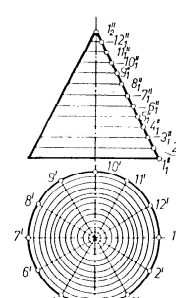
Rys. 5.9c



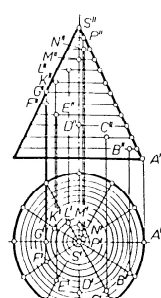
Rys. 5.9d



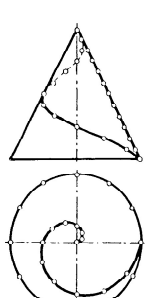
Rys. 5.10a



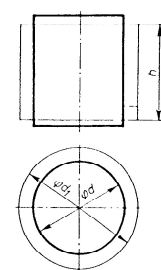
Rys. 5.10b



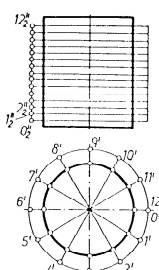
Rys. 5.10c



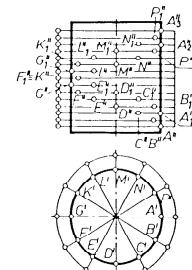
Rys. 5.10d



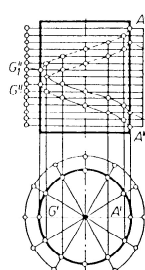
Rys. 5.11a



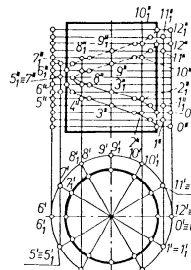
Rys. 5.11b



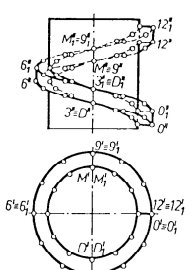
Rys. 5.11c



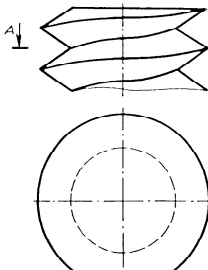
Rys. 5.11d



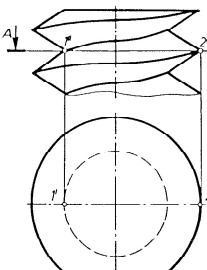
Rys. 5.11e



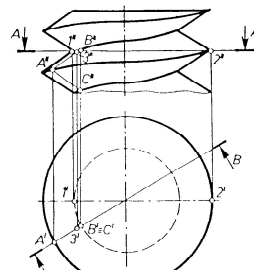
Rys. 5.11f



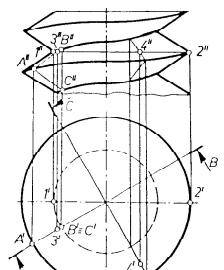
Rys. 5.12a



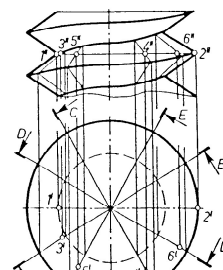
Rys. 5.12b



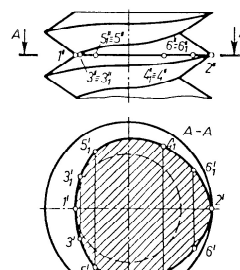
Rys. 5.12c



Rys. 5.12d



Rys. 5.12e



Rys. 5.12f