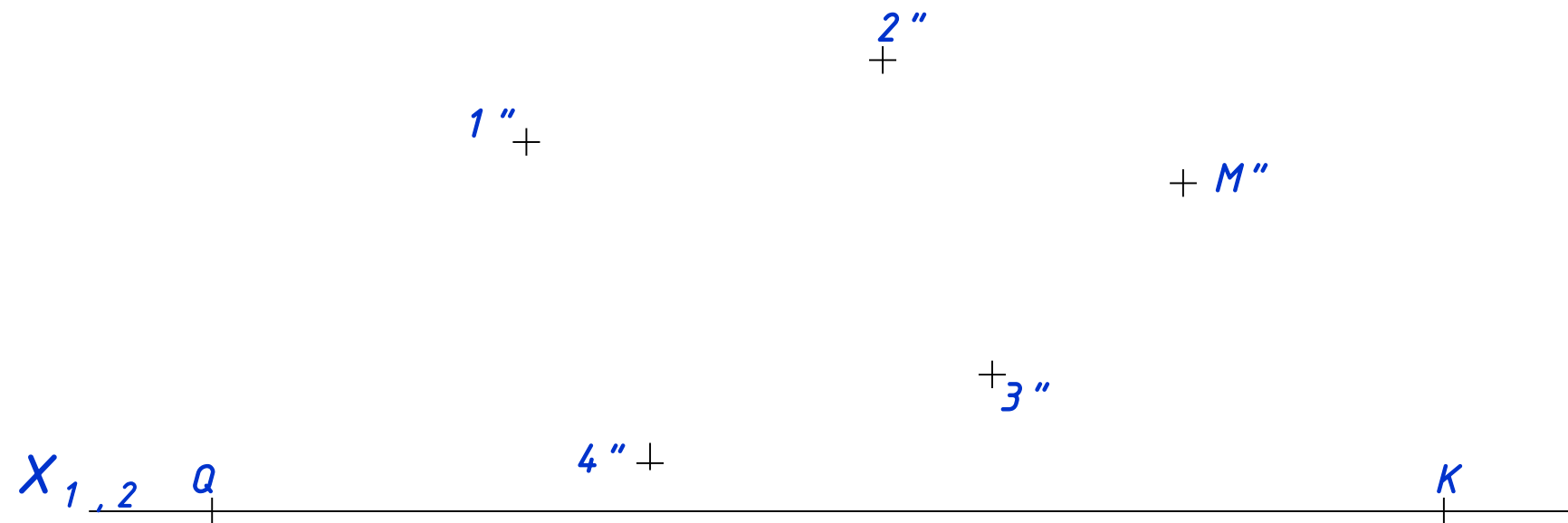


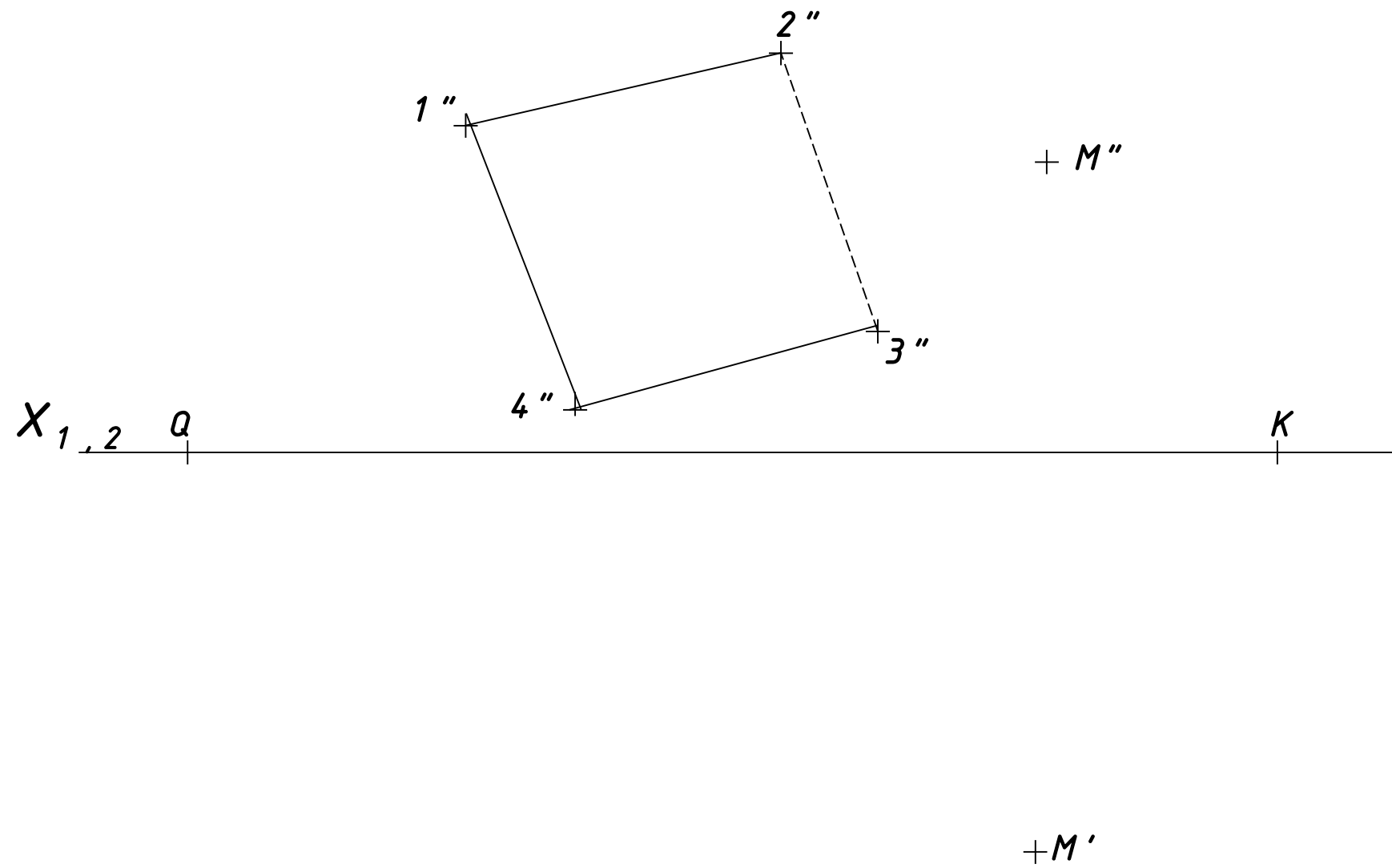


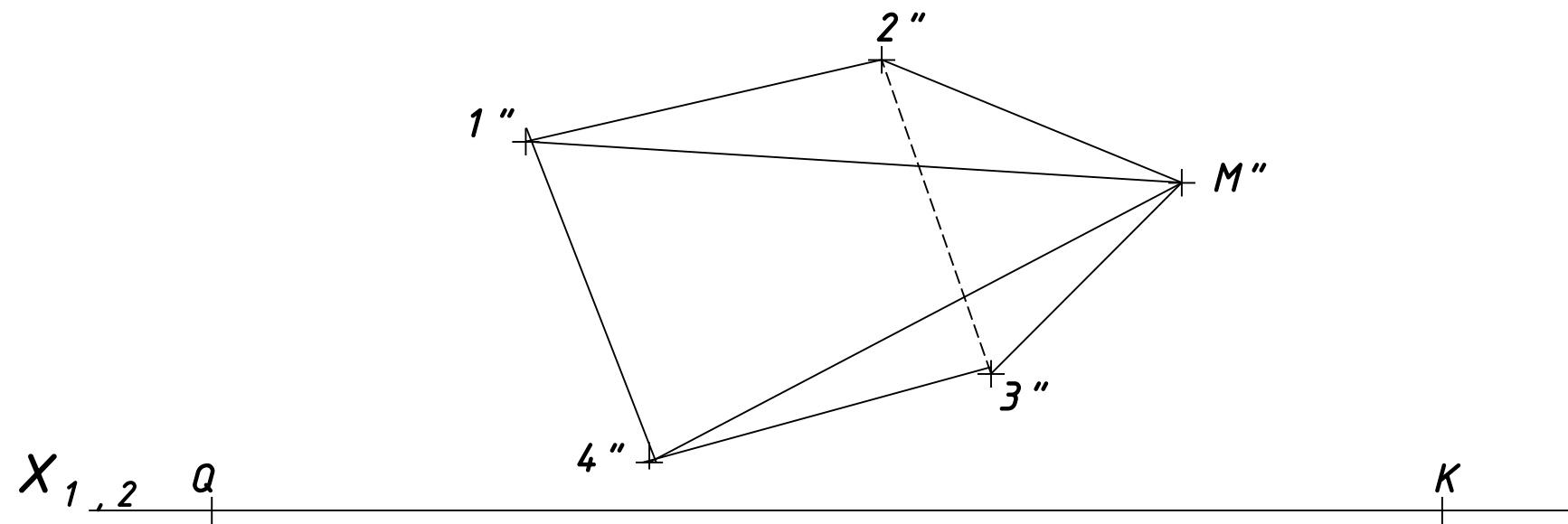
Feladat:

Adott egy K_2 képsíkra illeszkedő 1234 alapú és 'M' csúcsával jelzett gúla. Ugyancsak adott egy 'e' egyenes, ami a 'Q' és 'K' pontokra illeszkedik. A pontok helye: Q pont: $-K_1$ -től 80mm-re, $+K_2$ -től 10mm-re. K pont: $+K_1$ -től 5mm-re, $-K_2$ -től 60mm-re.

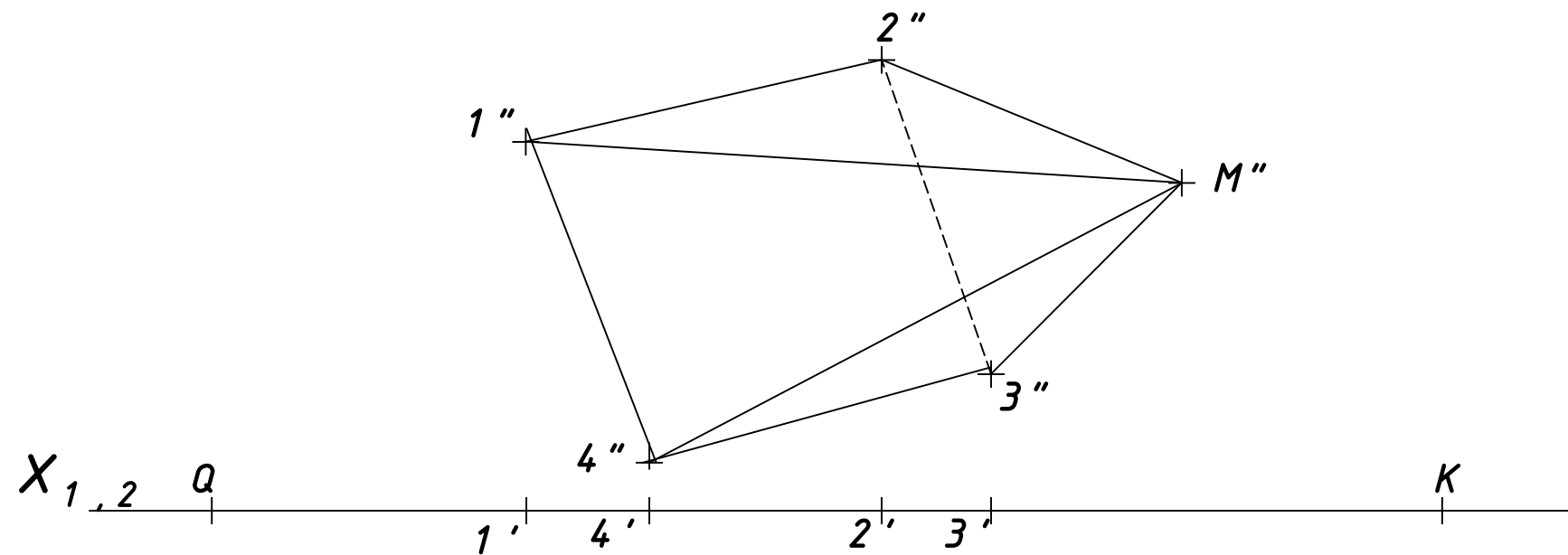
Határozza meg a gúla és az egyenes dőléspontját, valamint a gúla és az egyenes láthatóságát! A dőléspontok valódi távolságát különbségi háromszög módszerével mutassa meg! (szerkessze meg a gúla kiterített hálóját a dőléspontok feltüntetésével!)

+M'

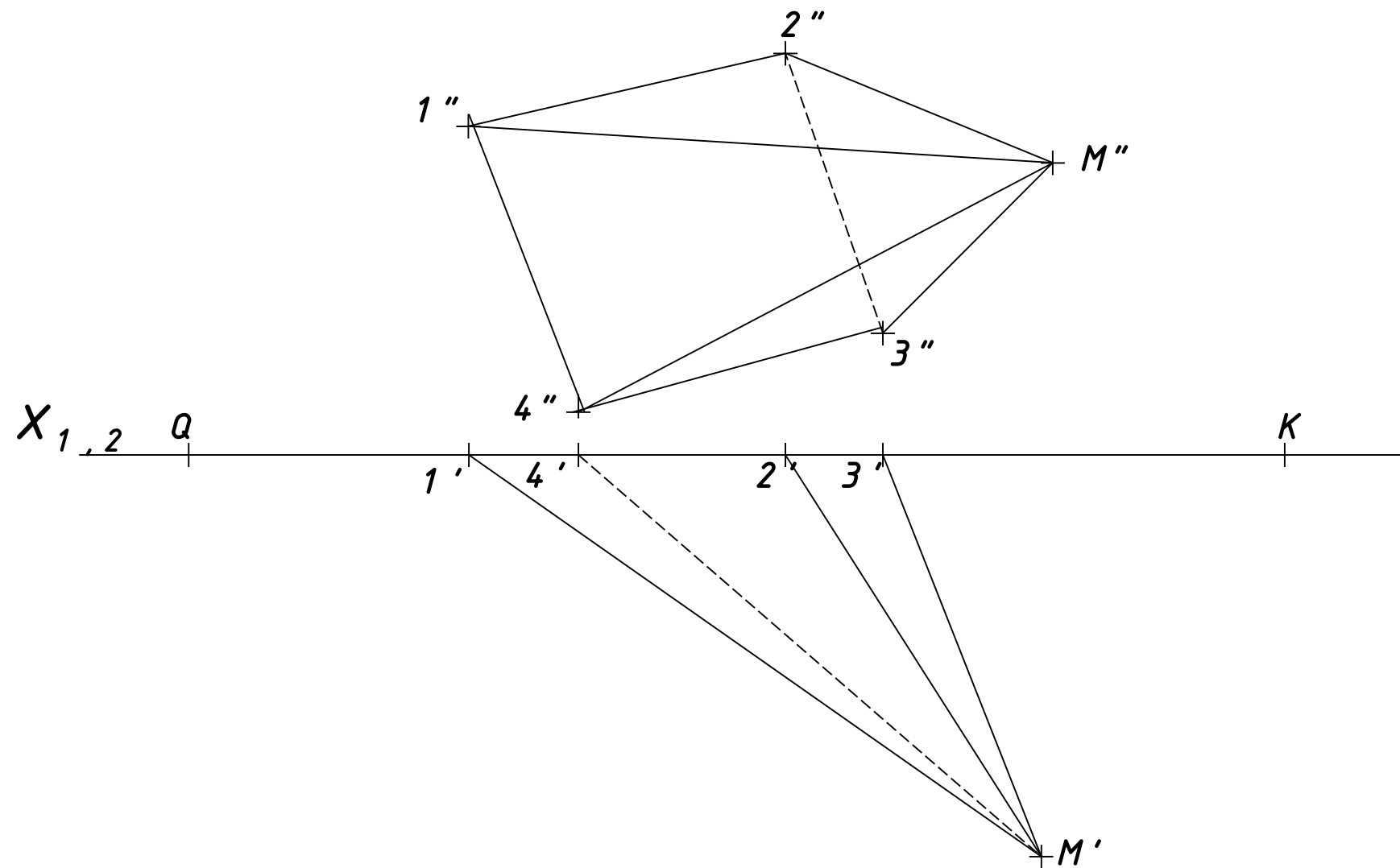


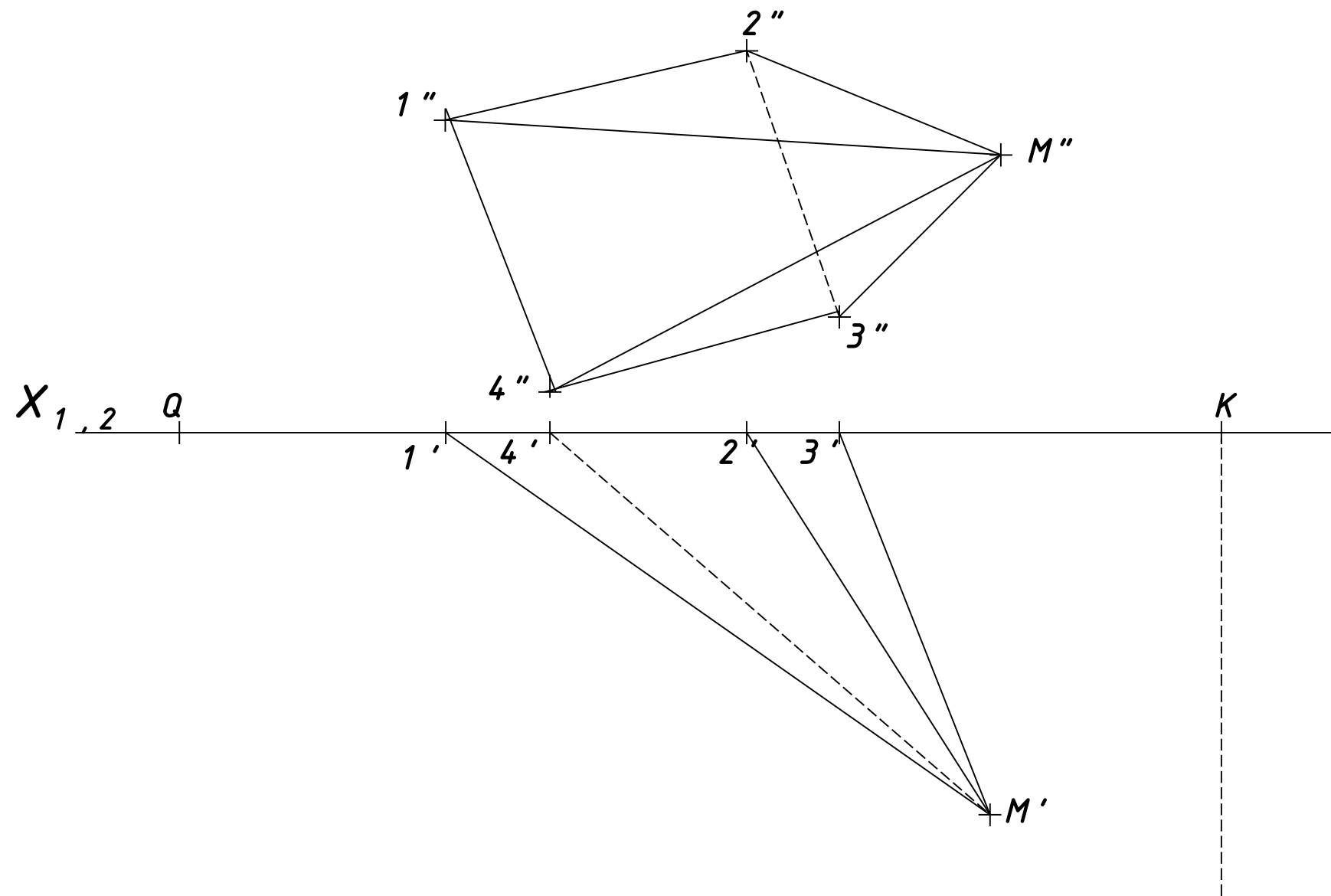


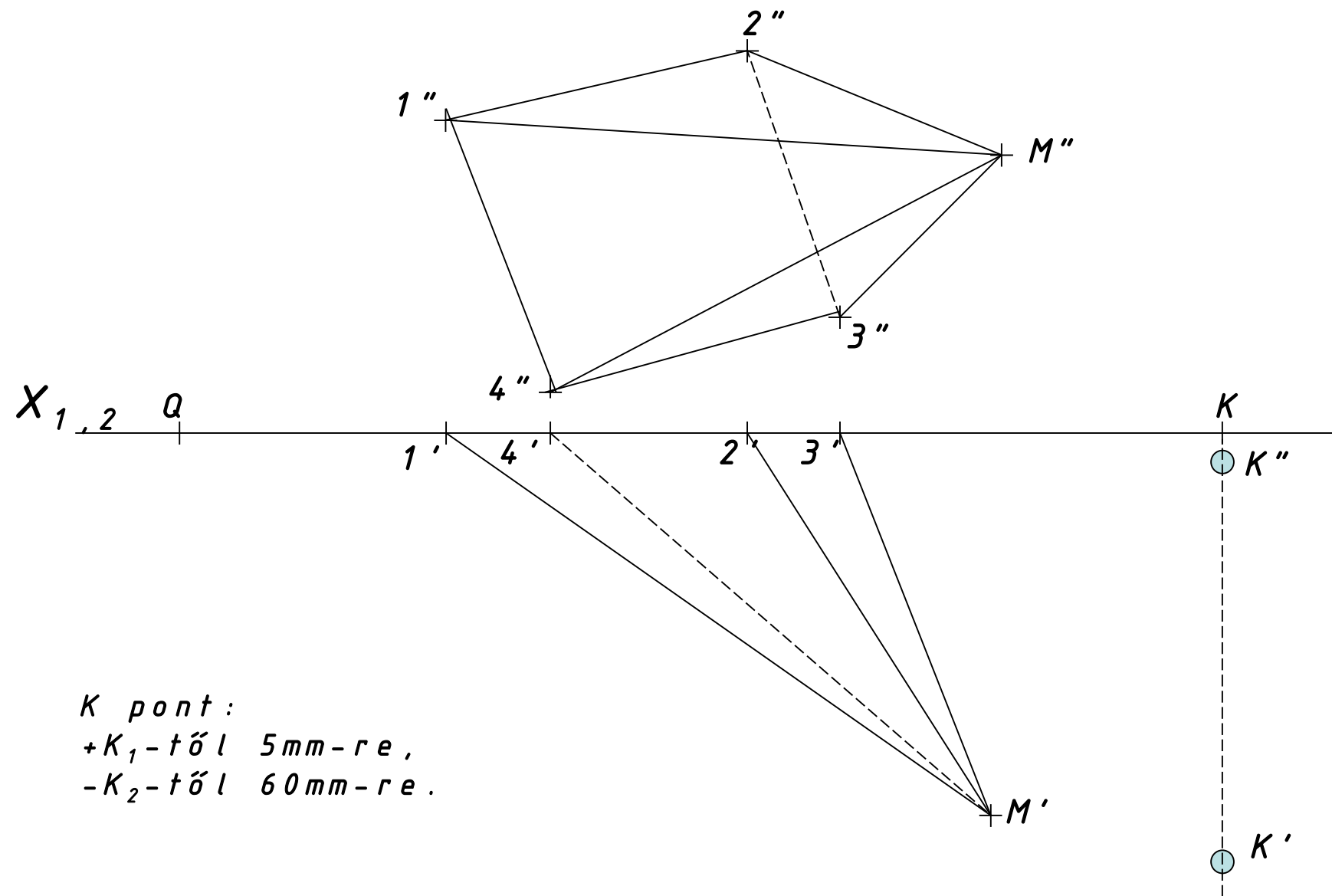
$+M'$

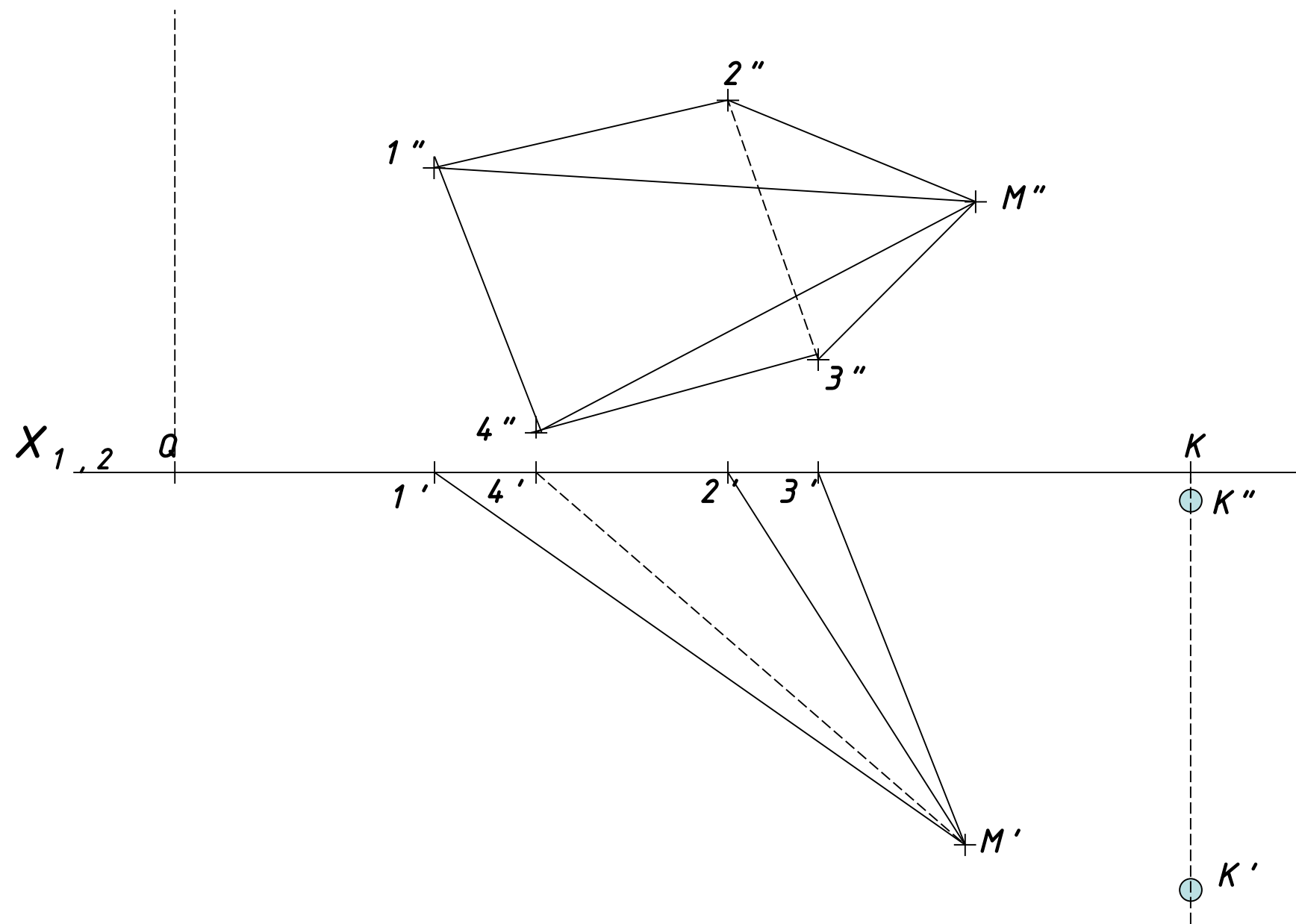


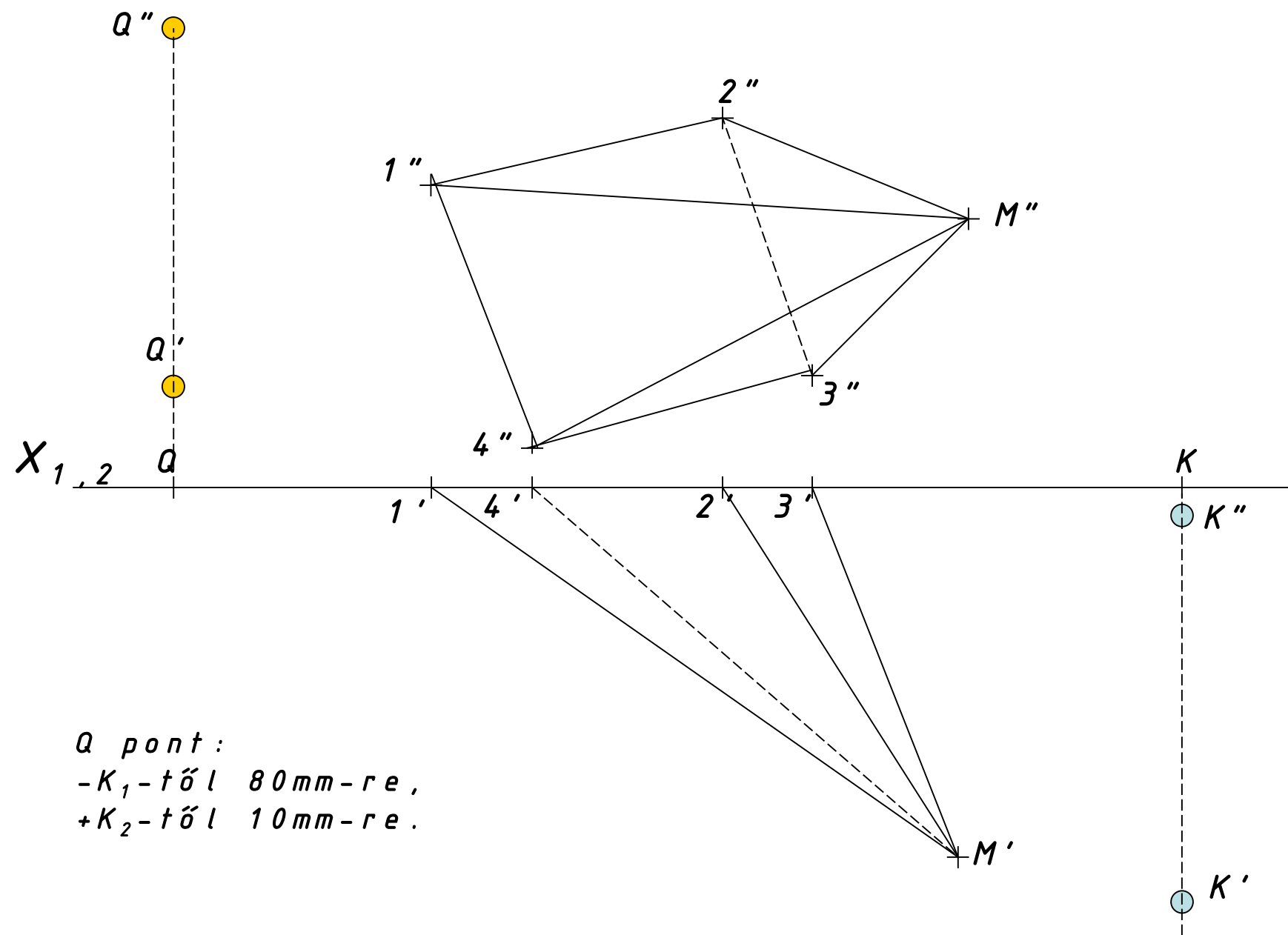
$+M'$

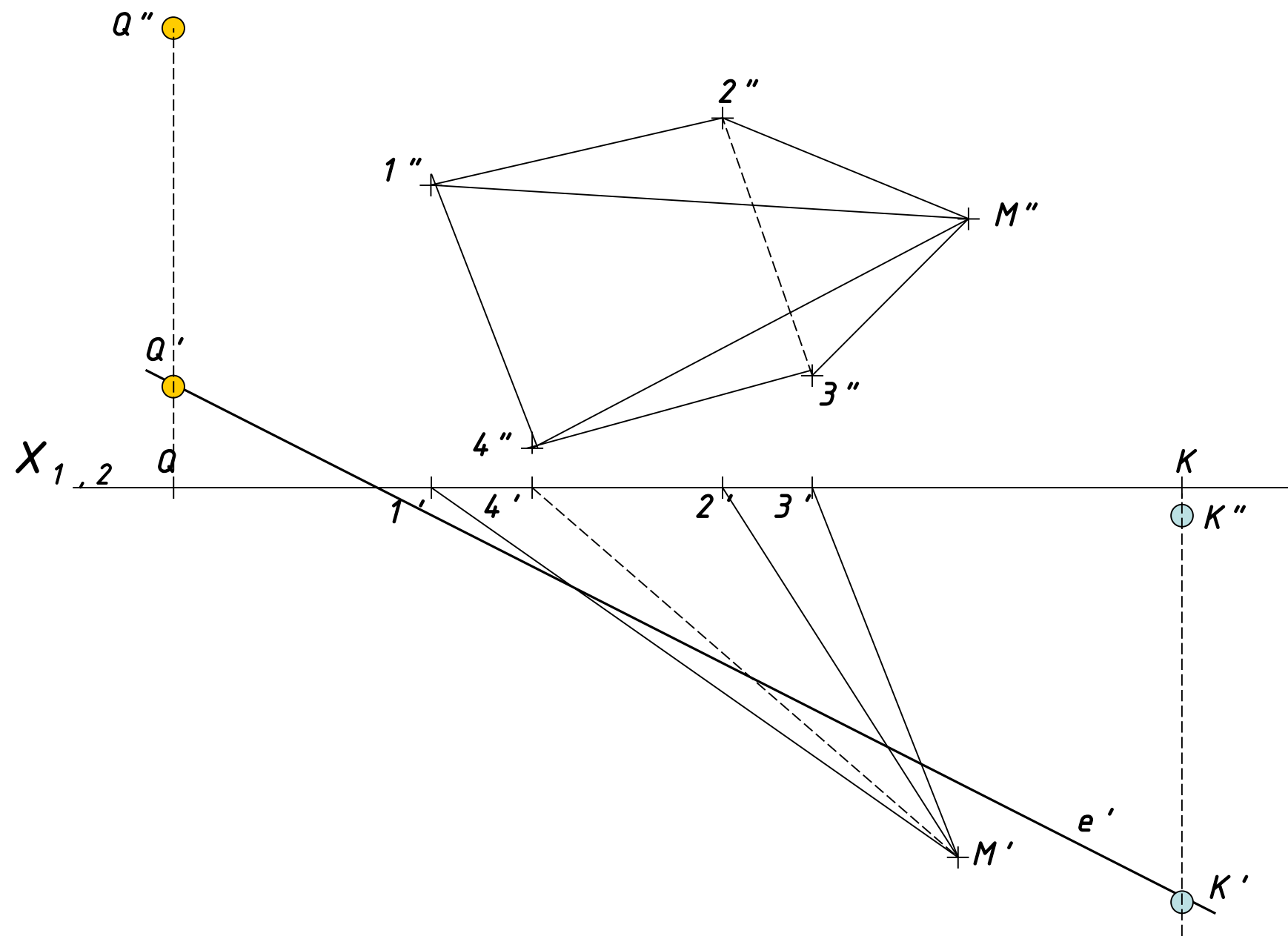


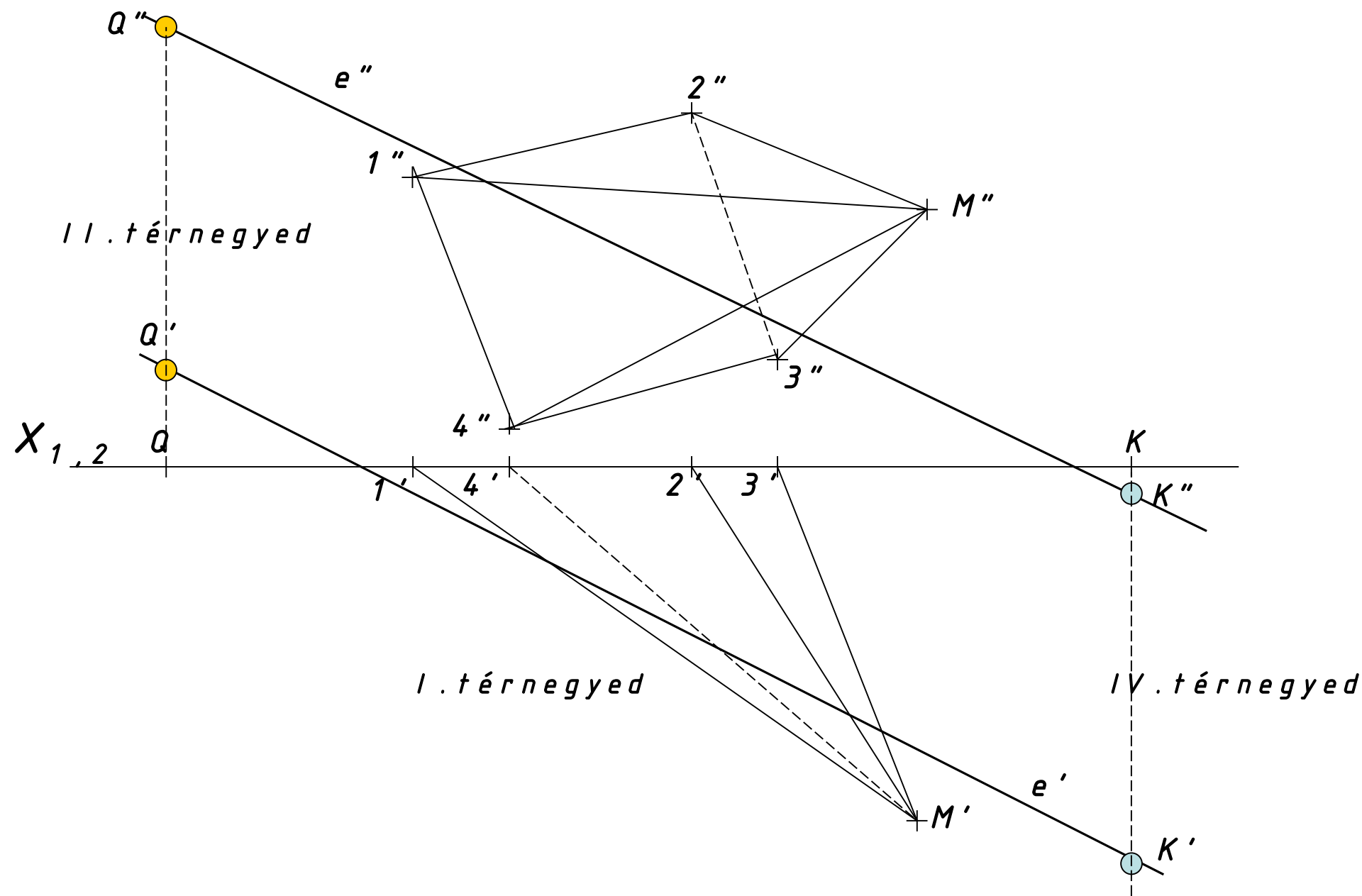


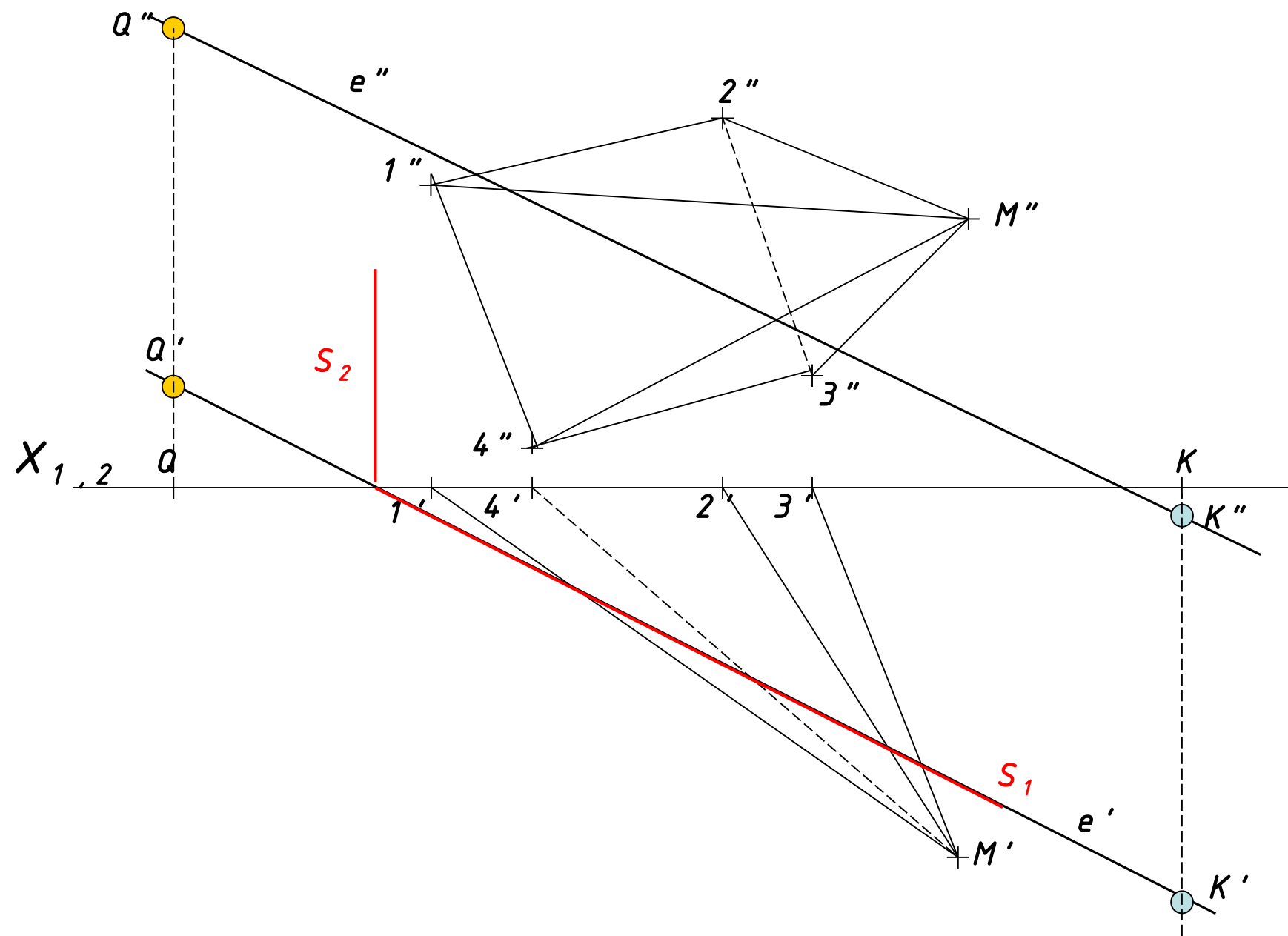


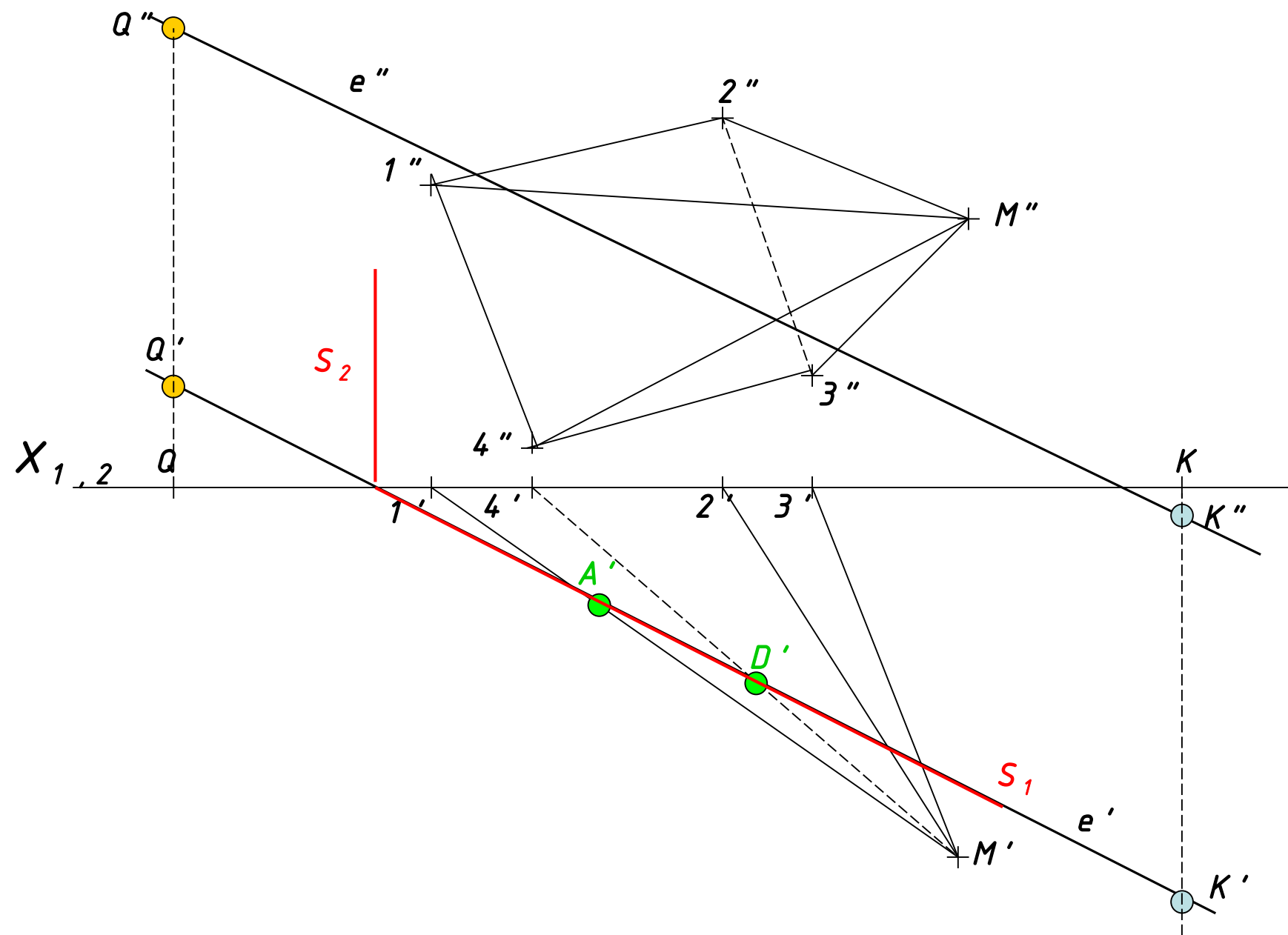


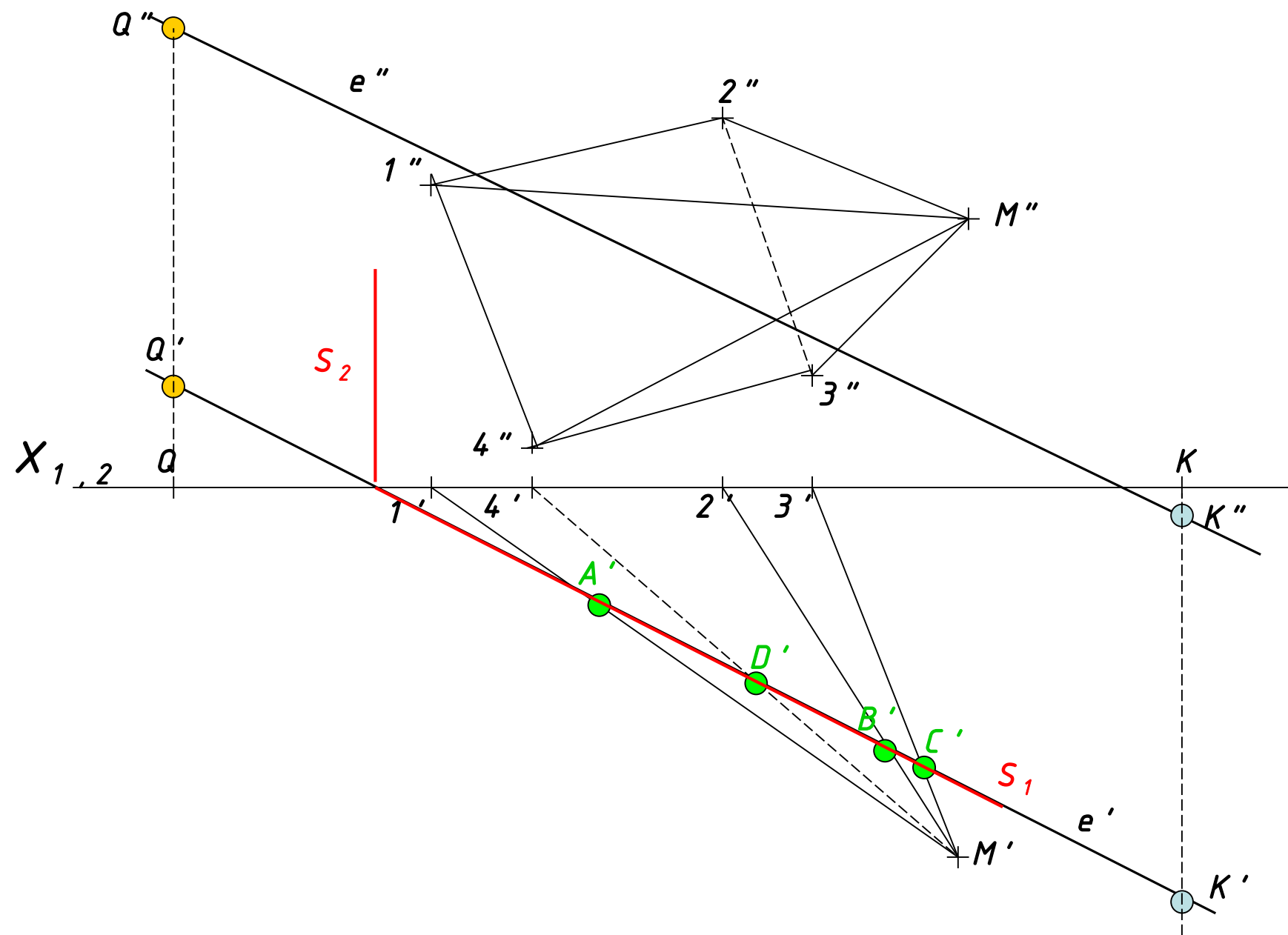


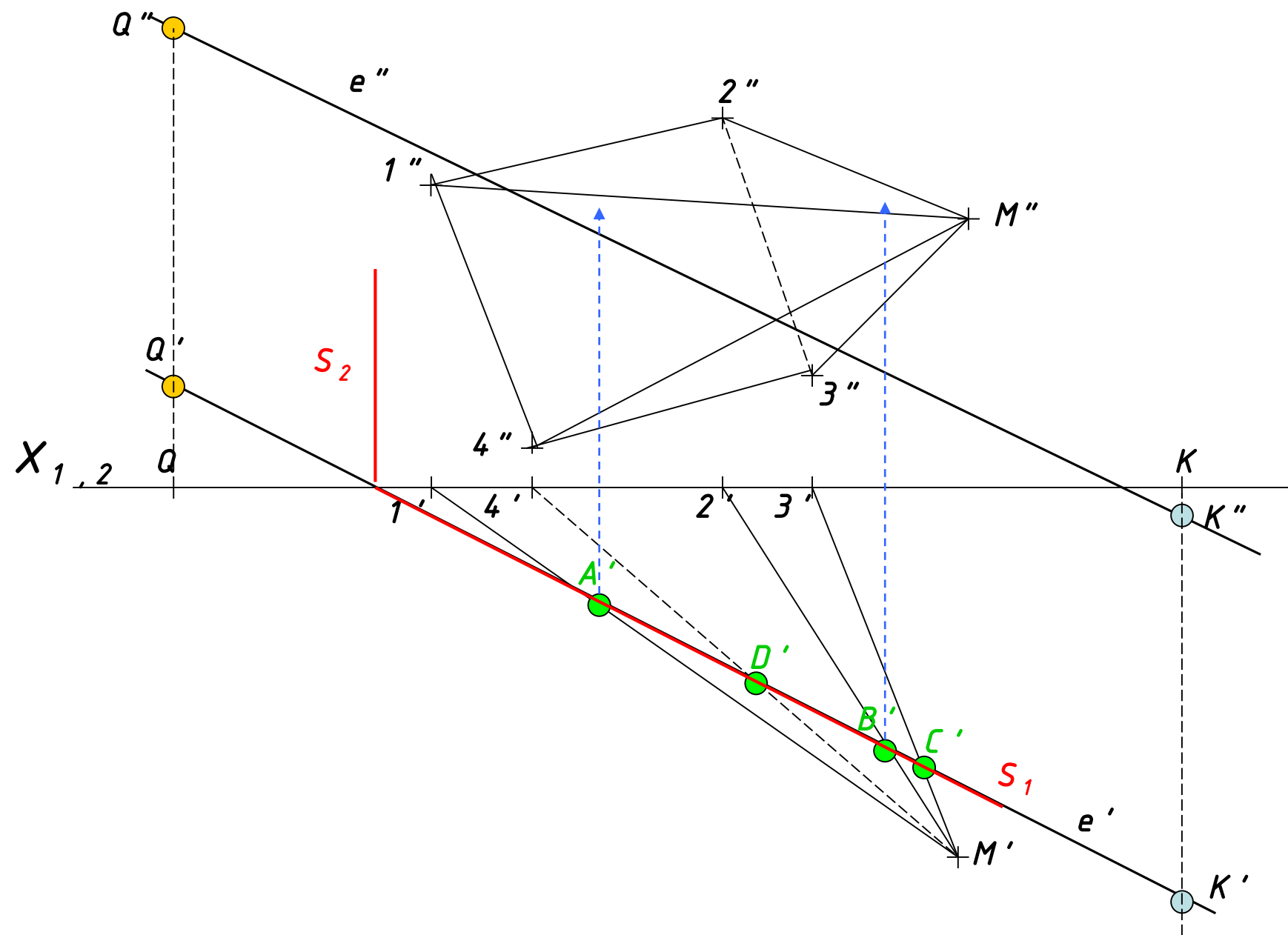


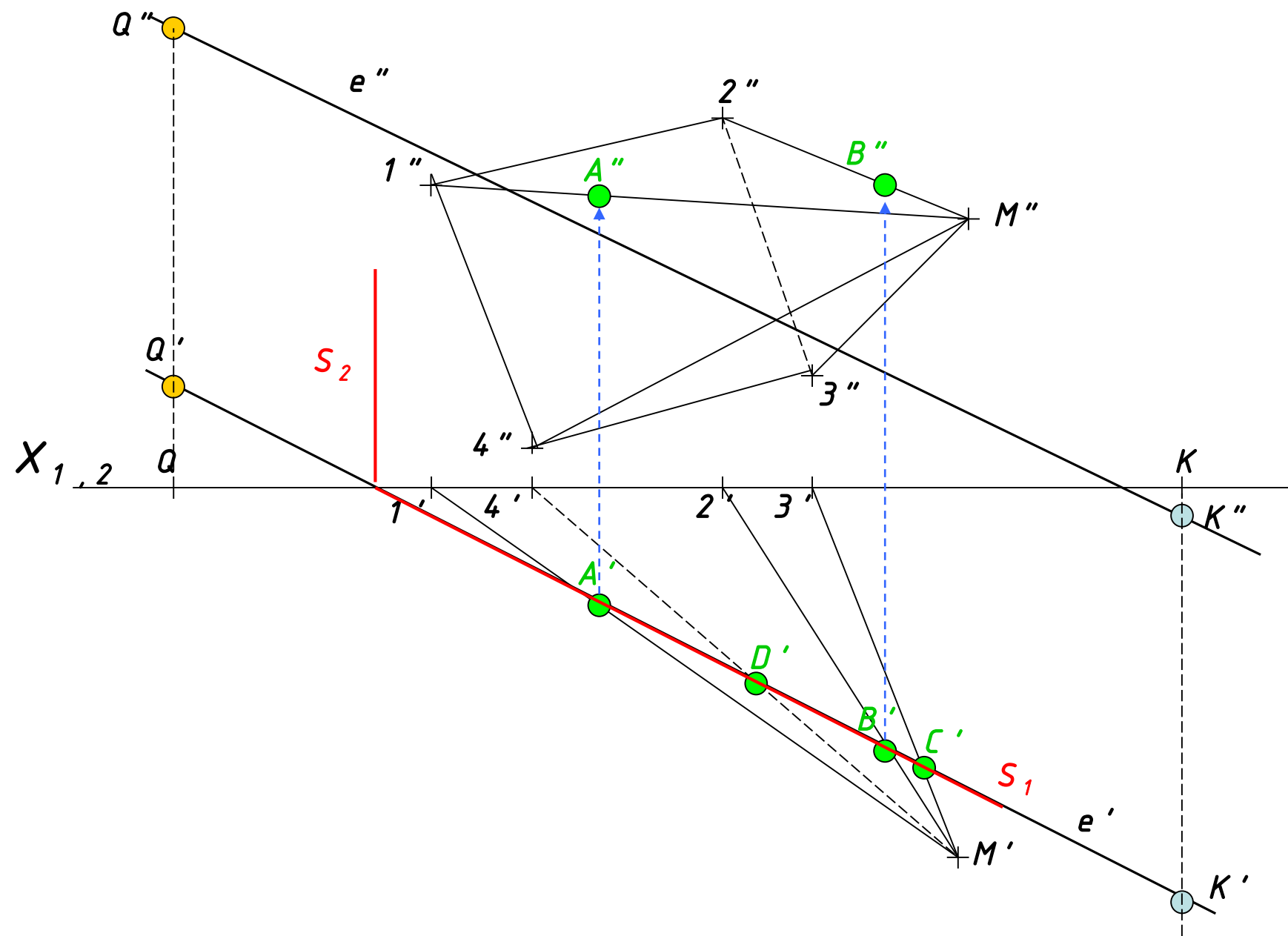


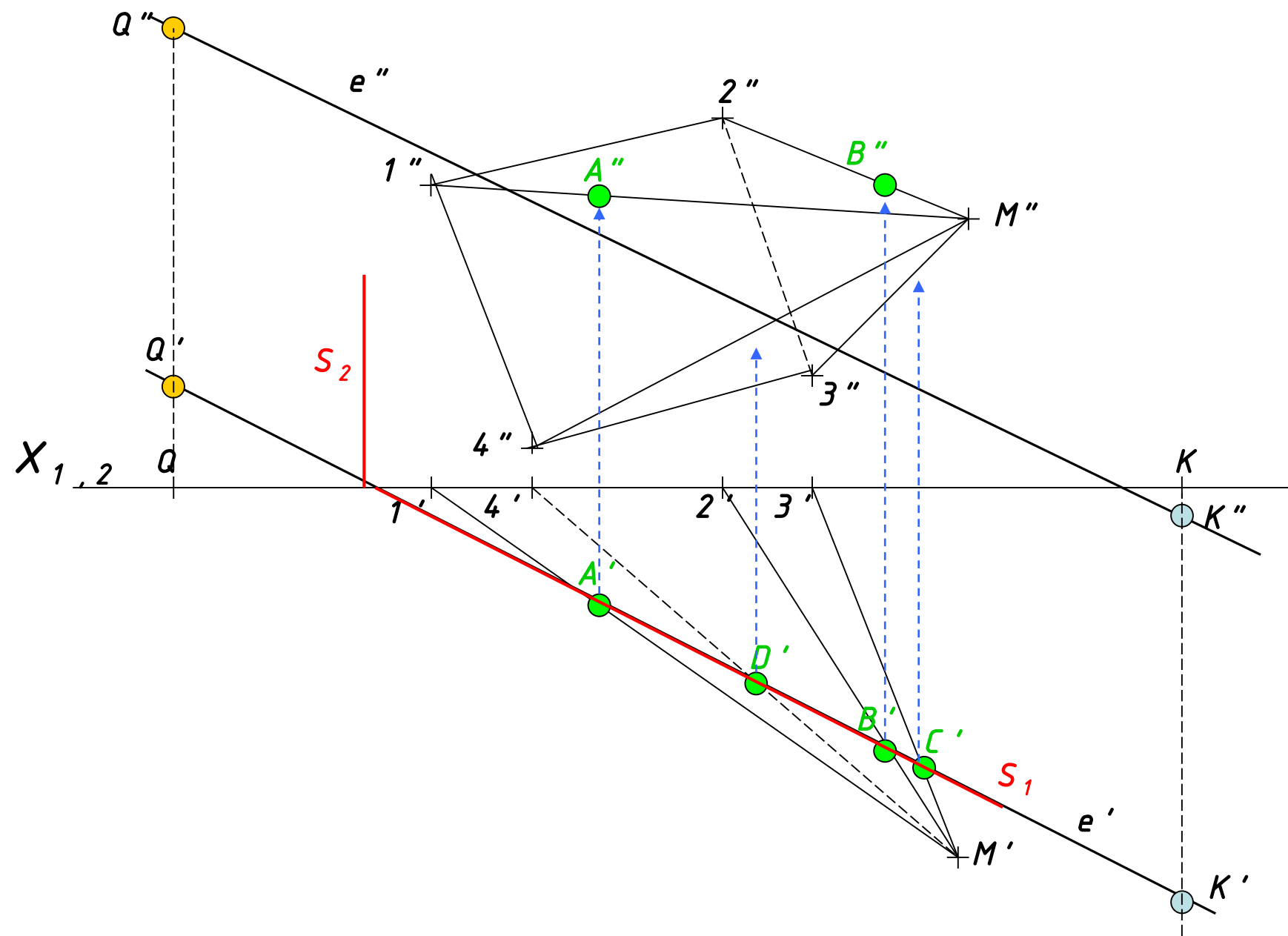


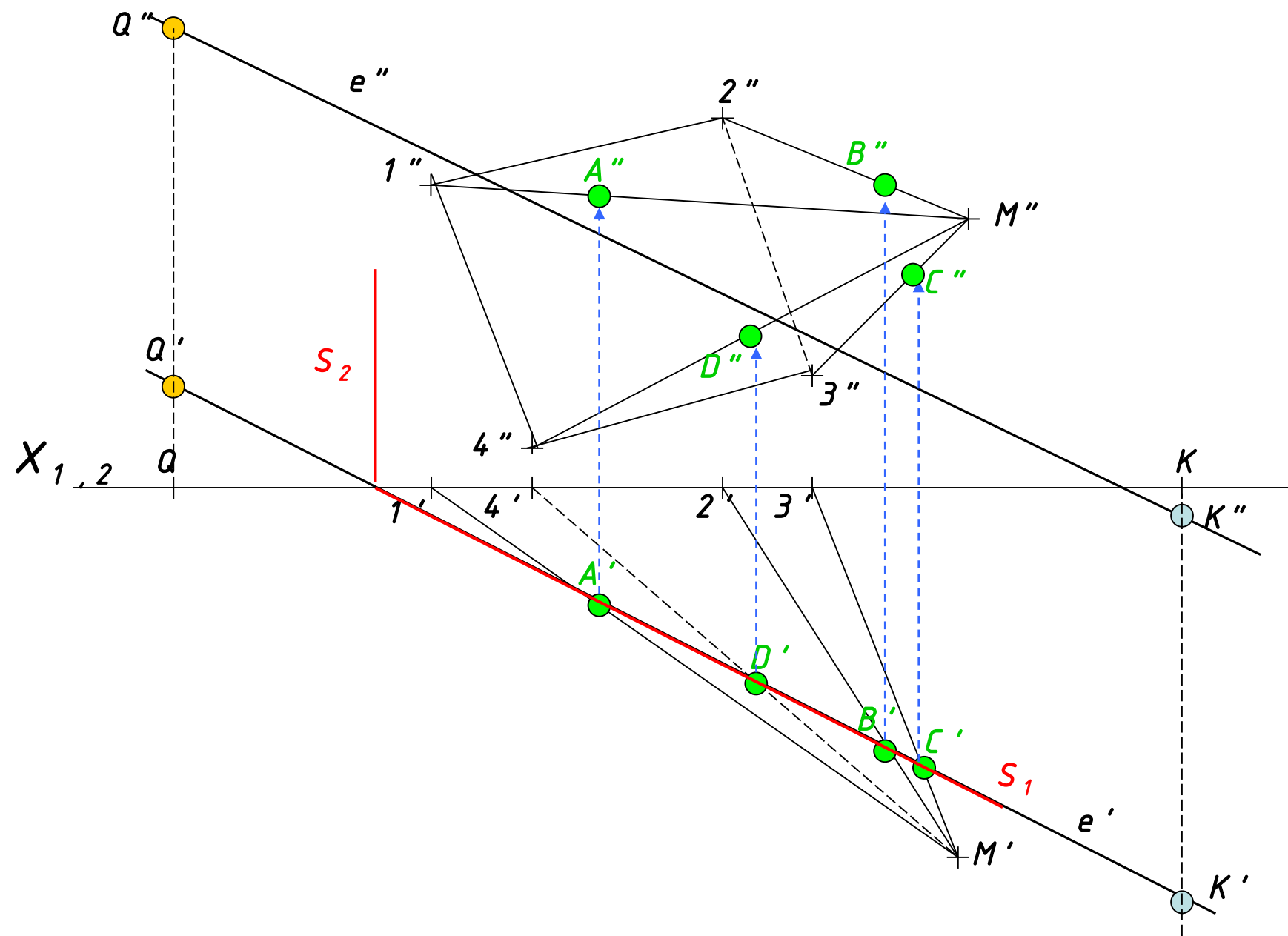


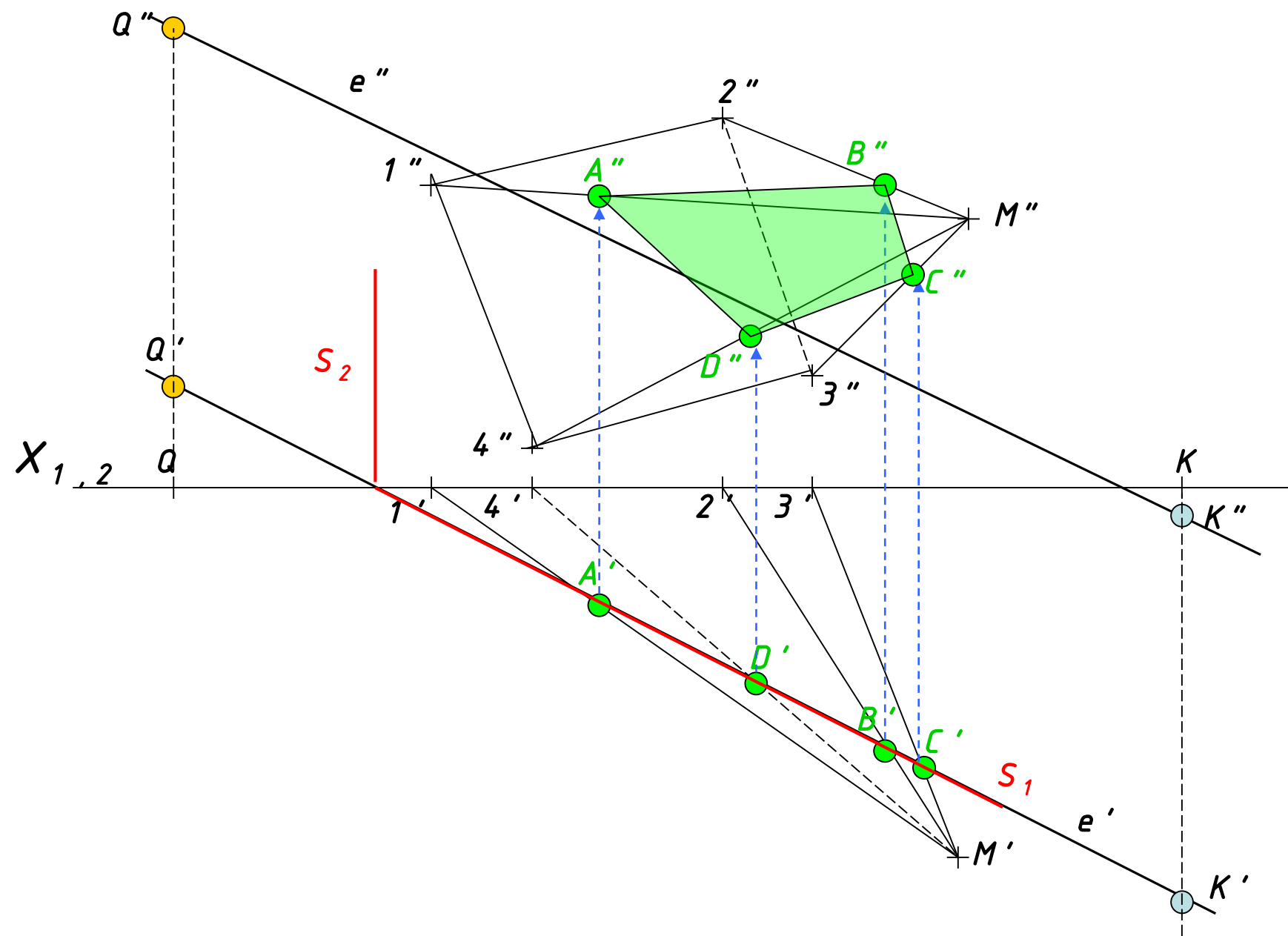


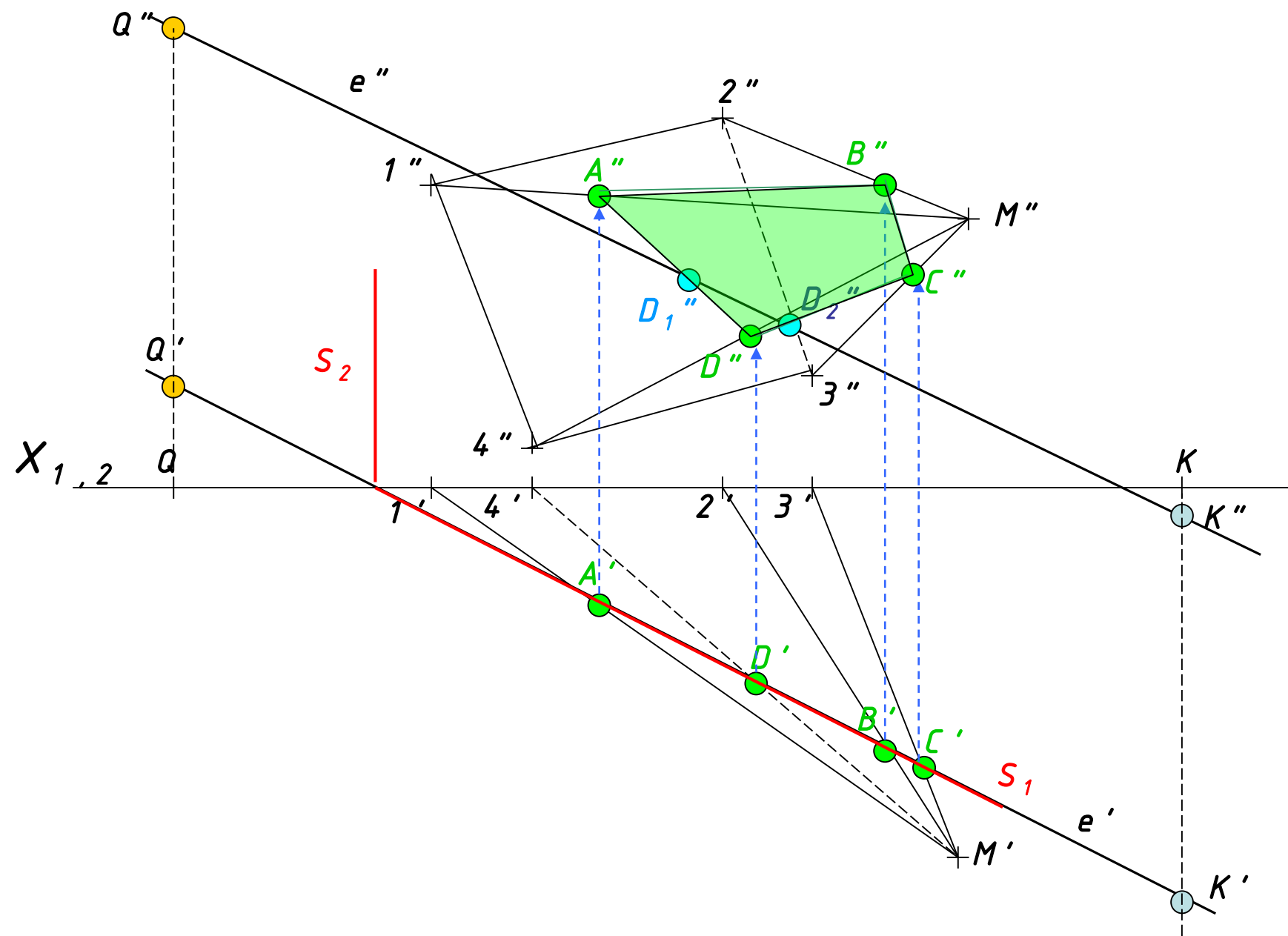


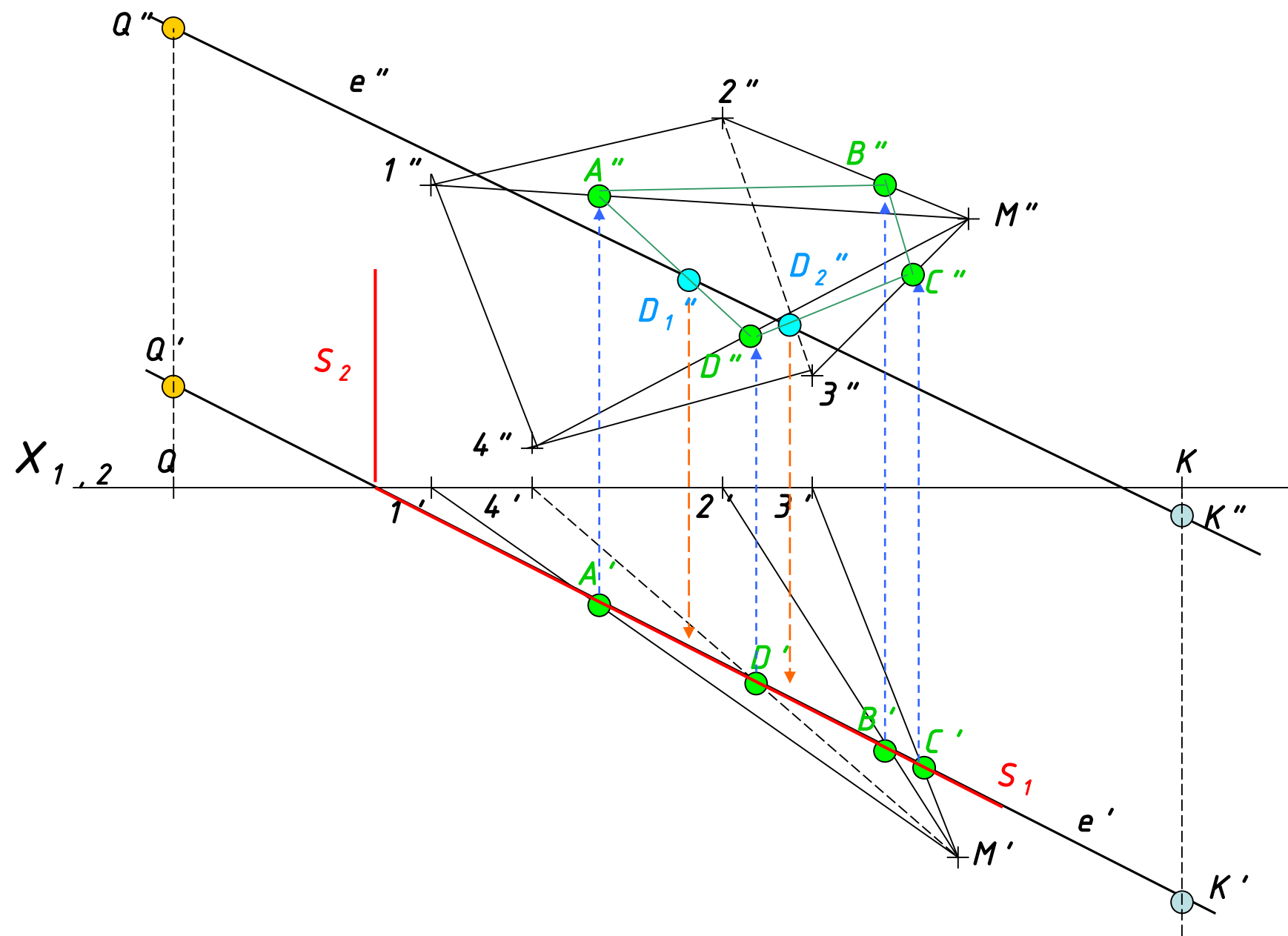


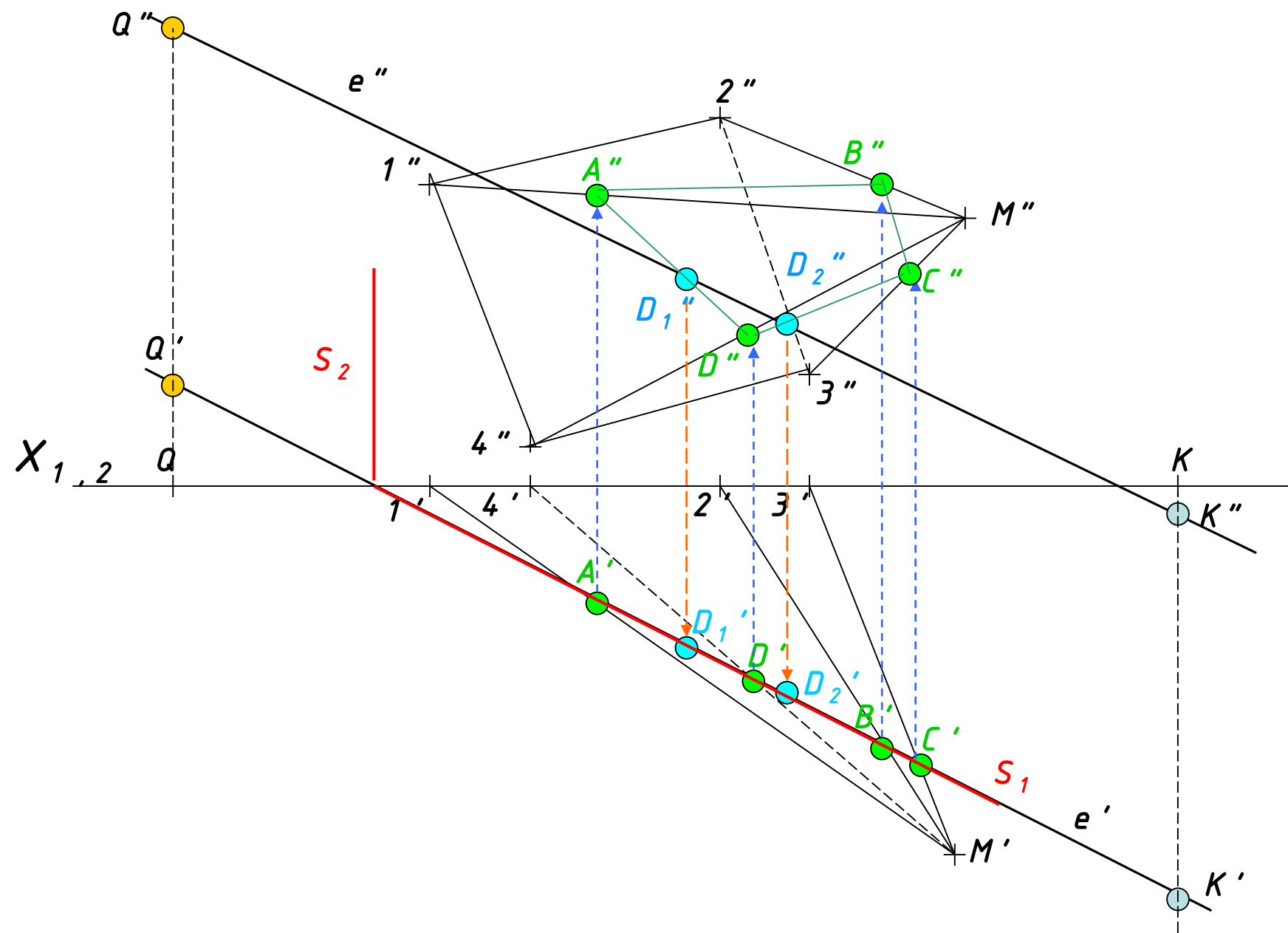


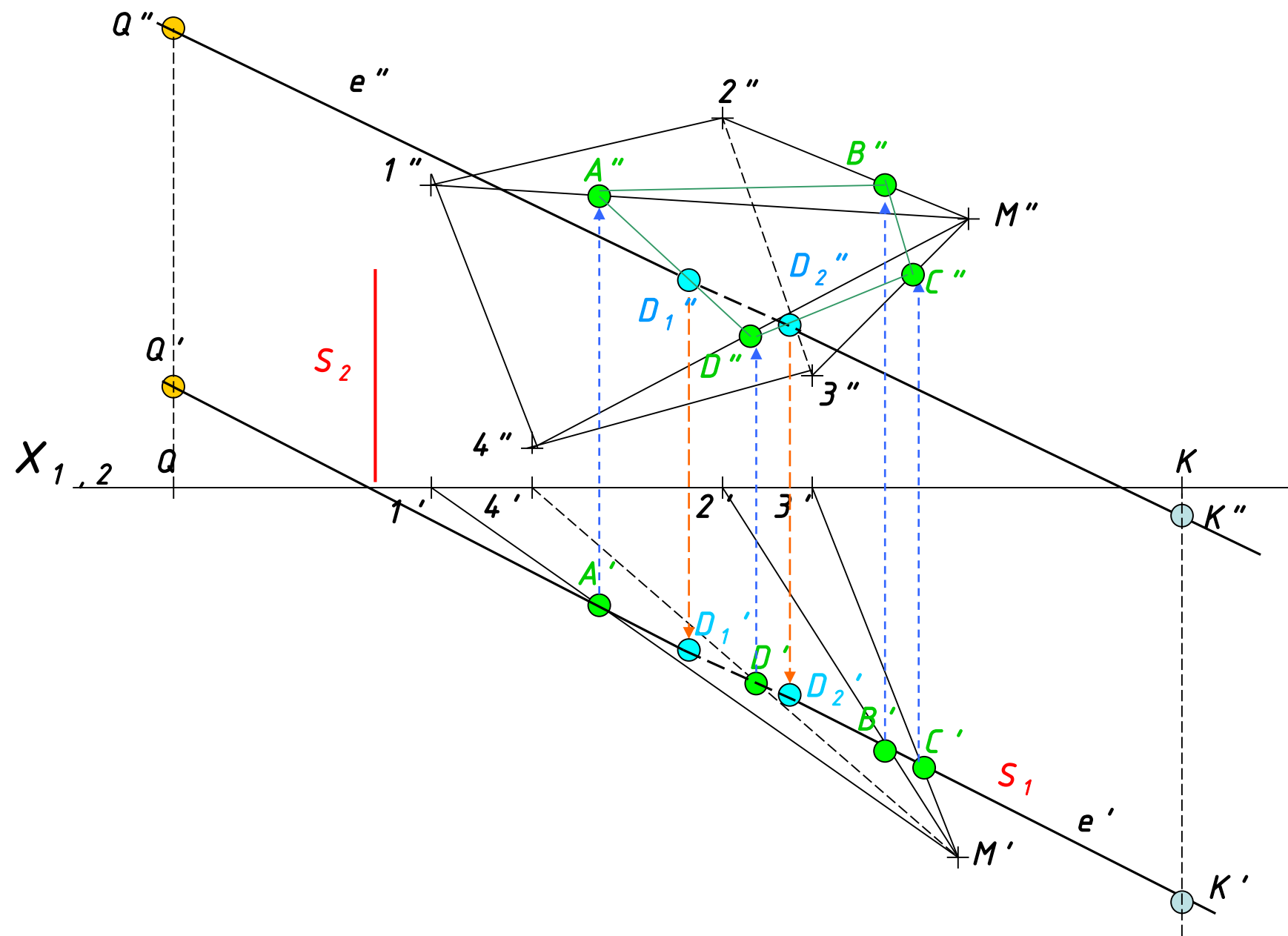


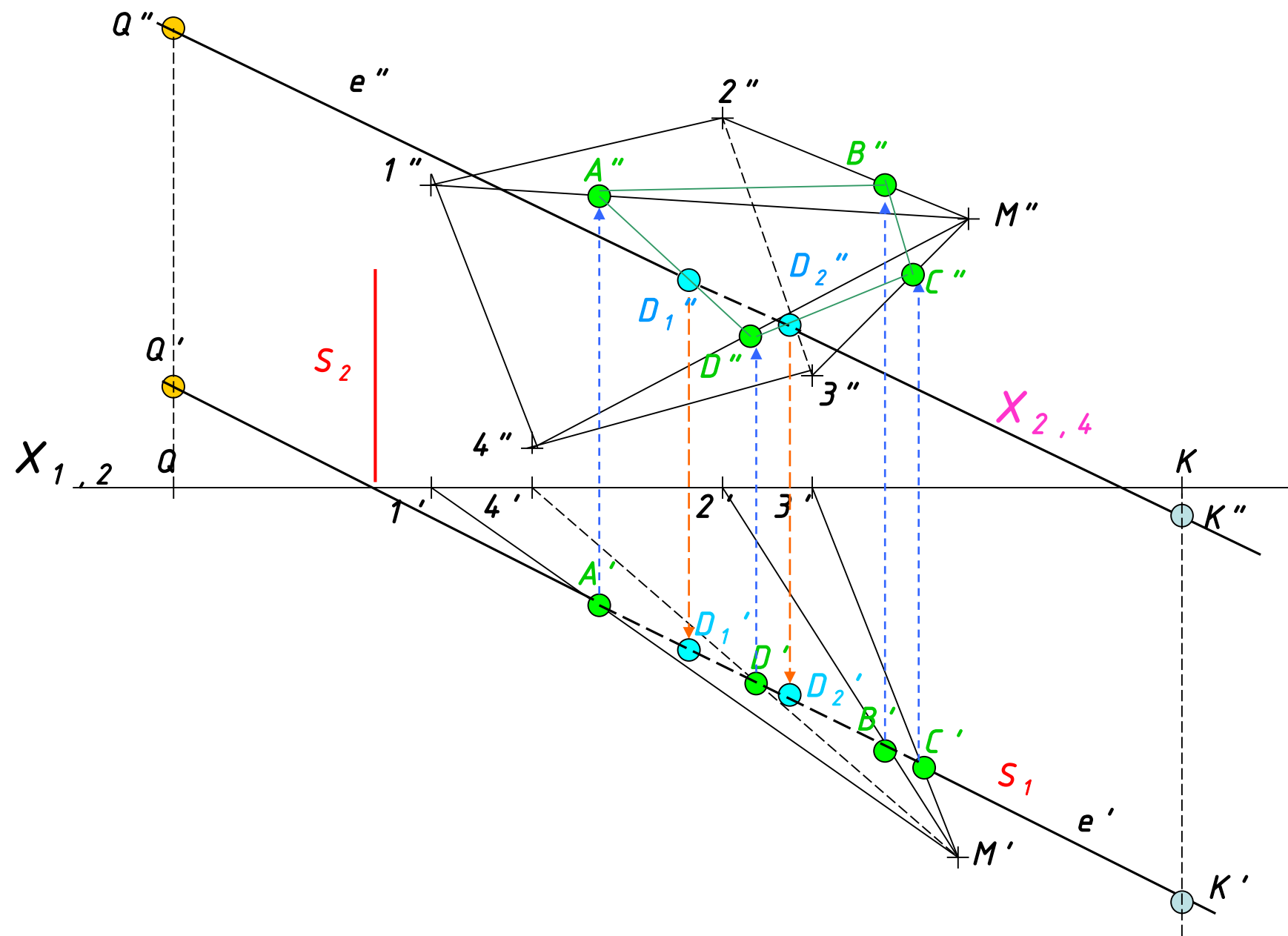


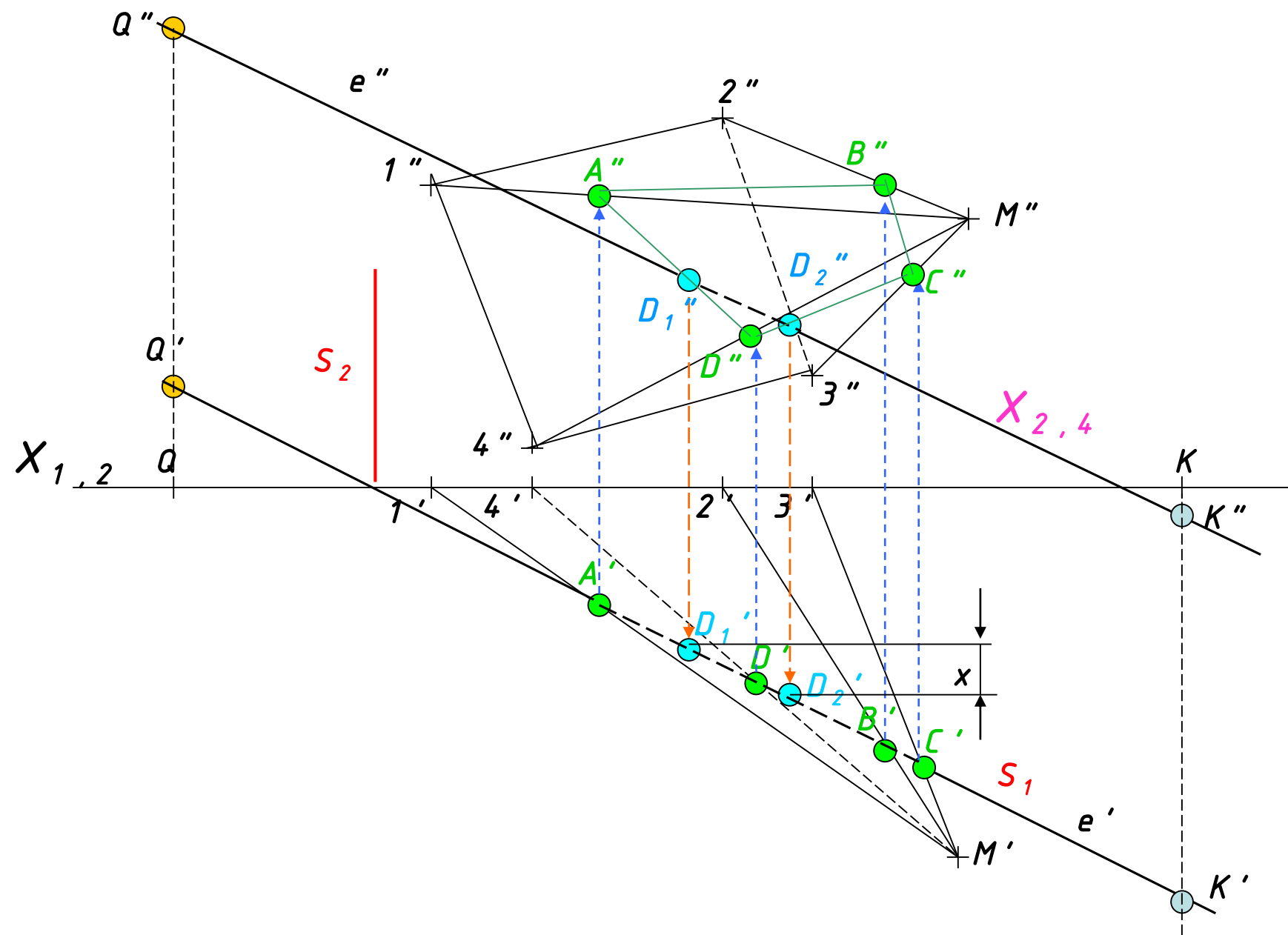


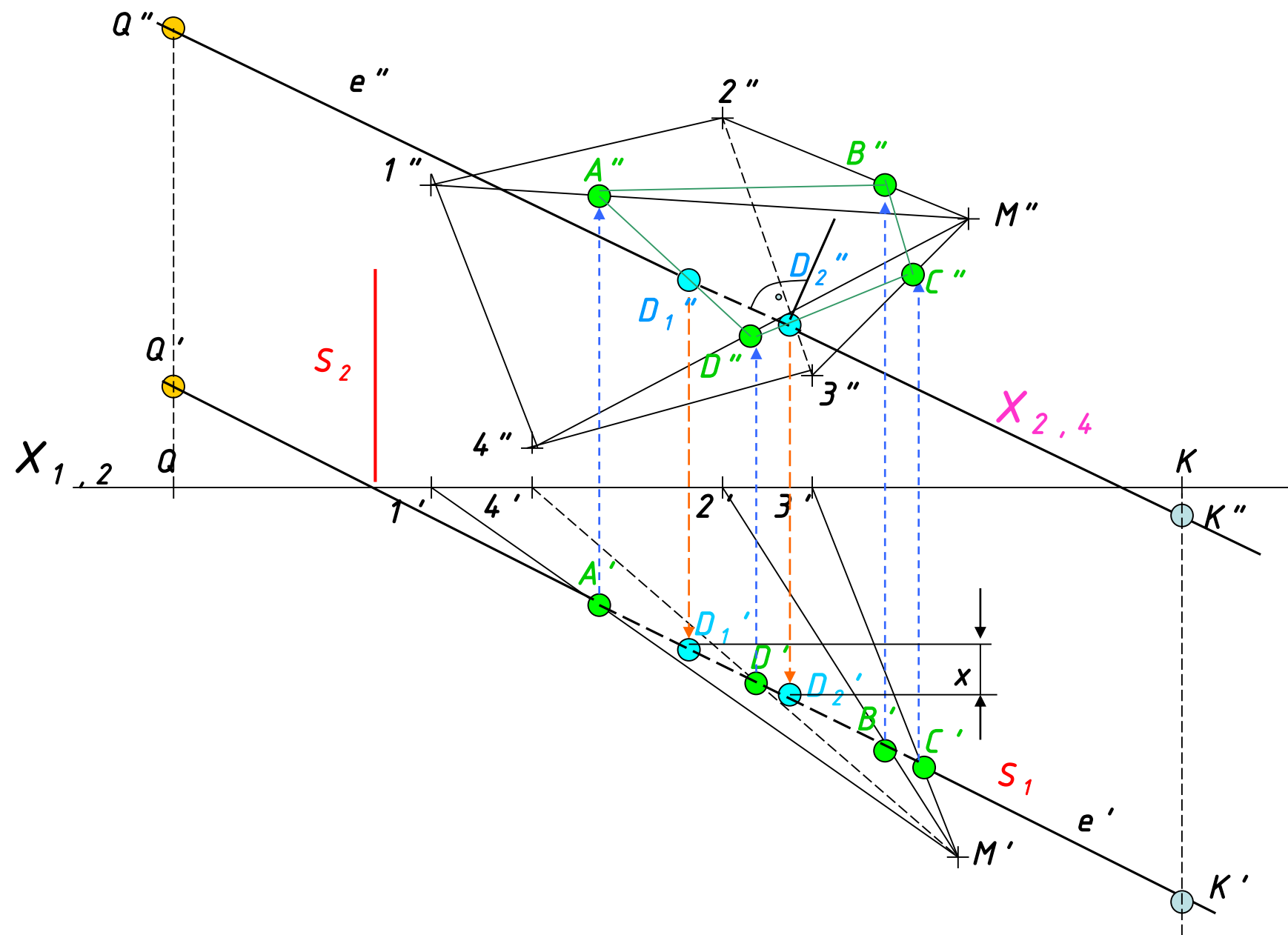


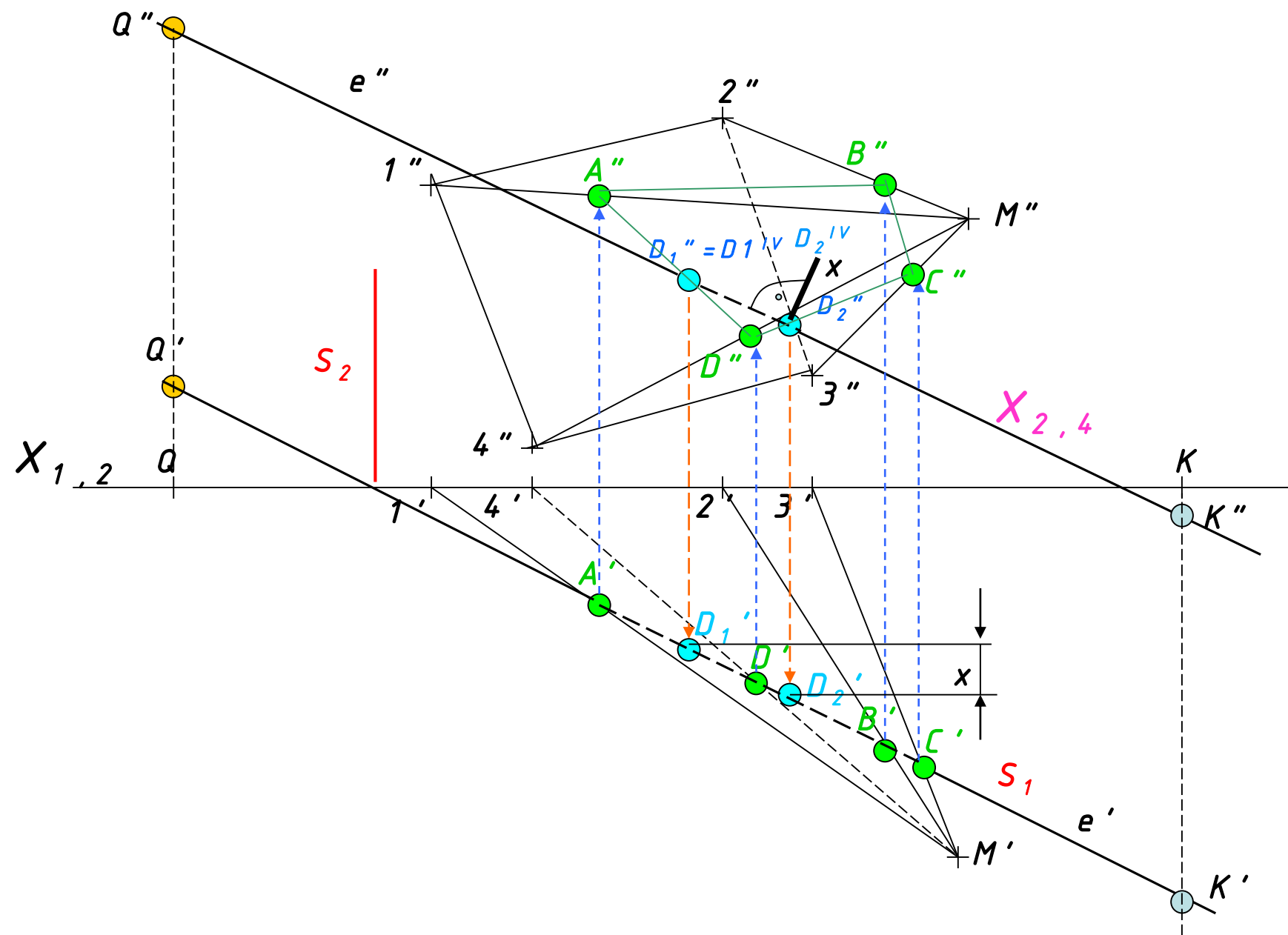


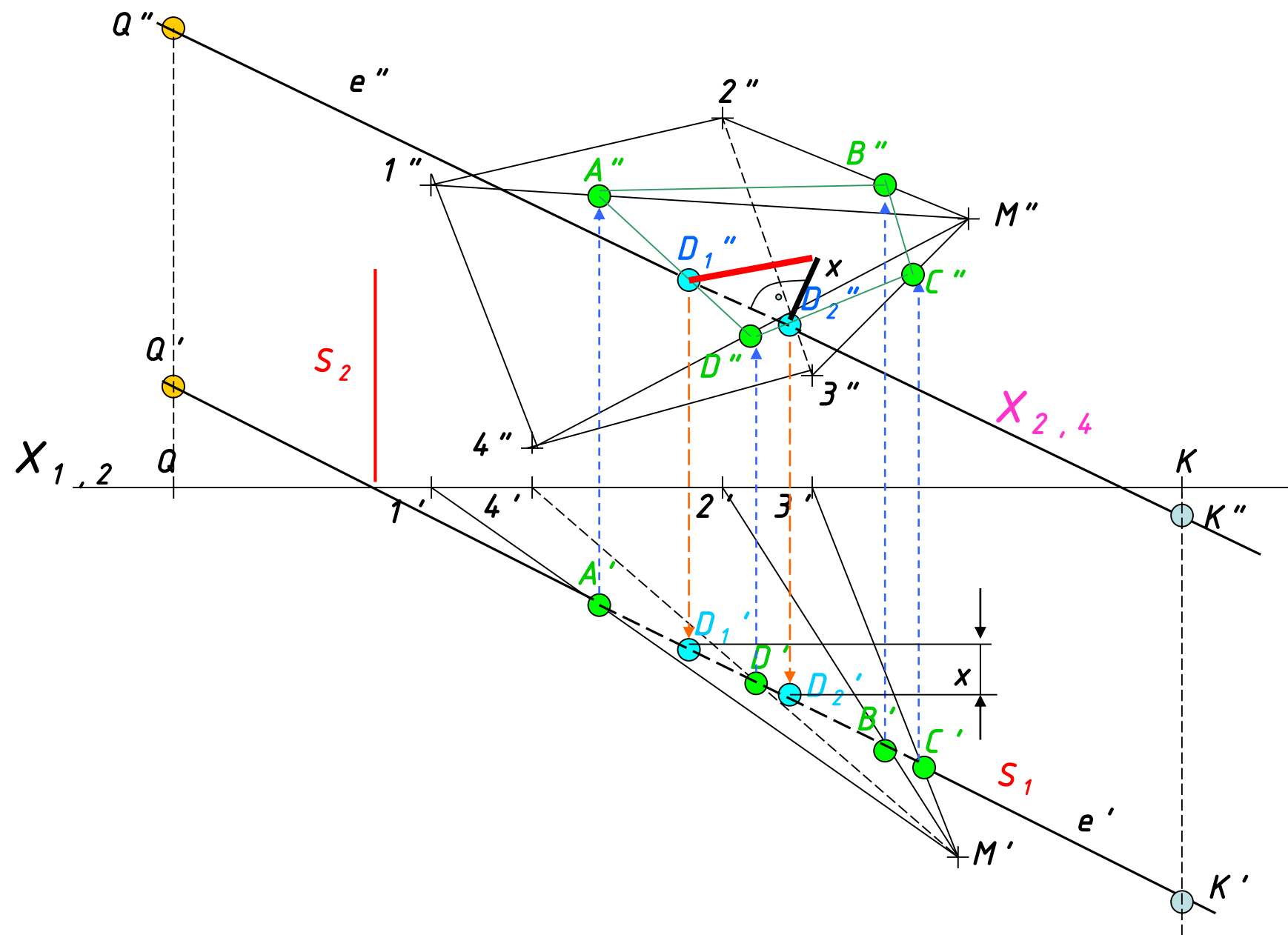












ÁBRÁZOLÓ GEOMETRIA

Görbe felületű testek dőfése egyenessel

1. alkotók

MMK

Műszaki Alapozó és Gépgyártástechnológia Tanszék

Kósa P. műszaki oktató

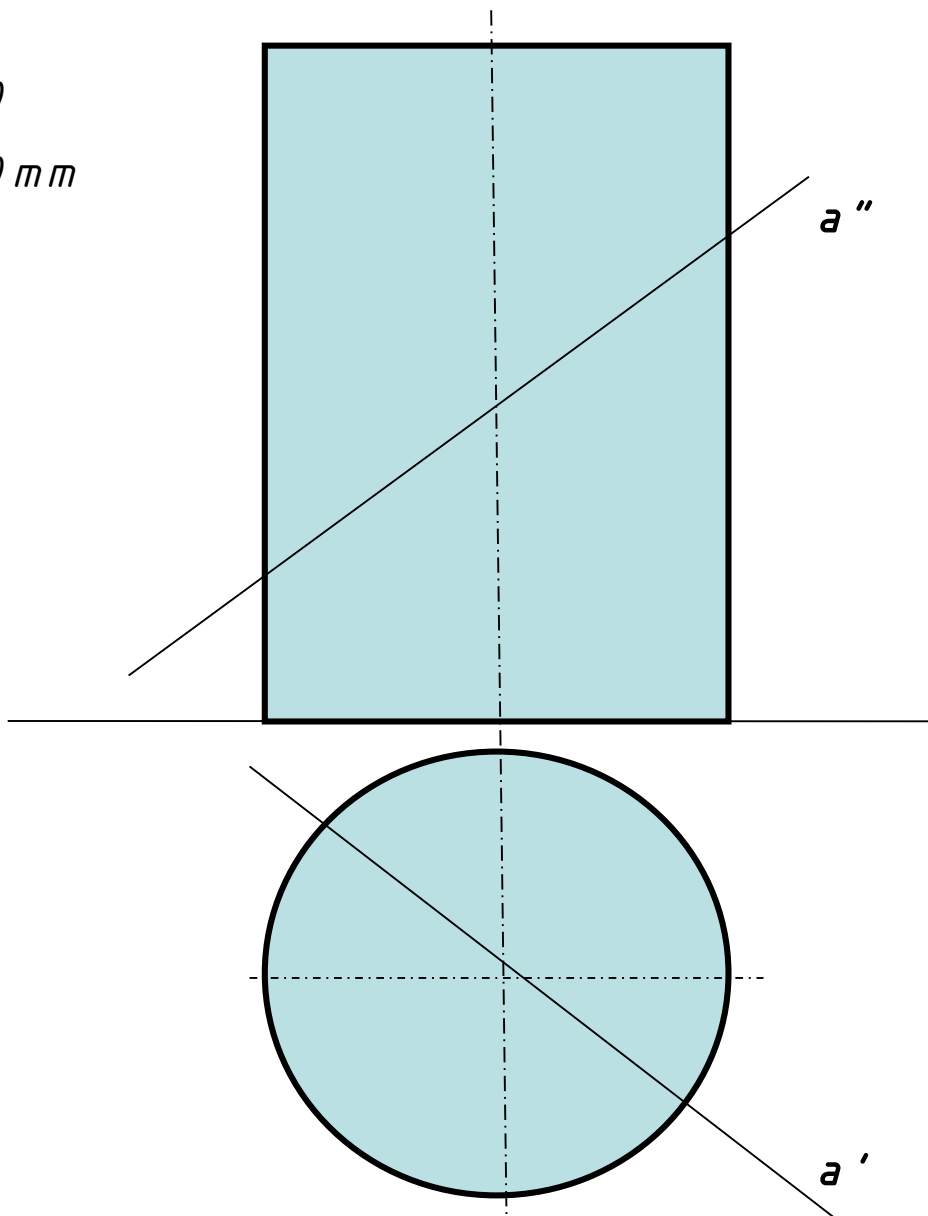
$h = 60$
 $r = 20\text{ mm}$

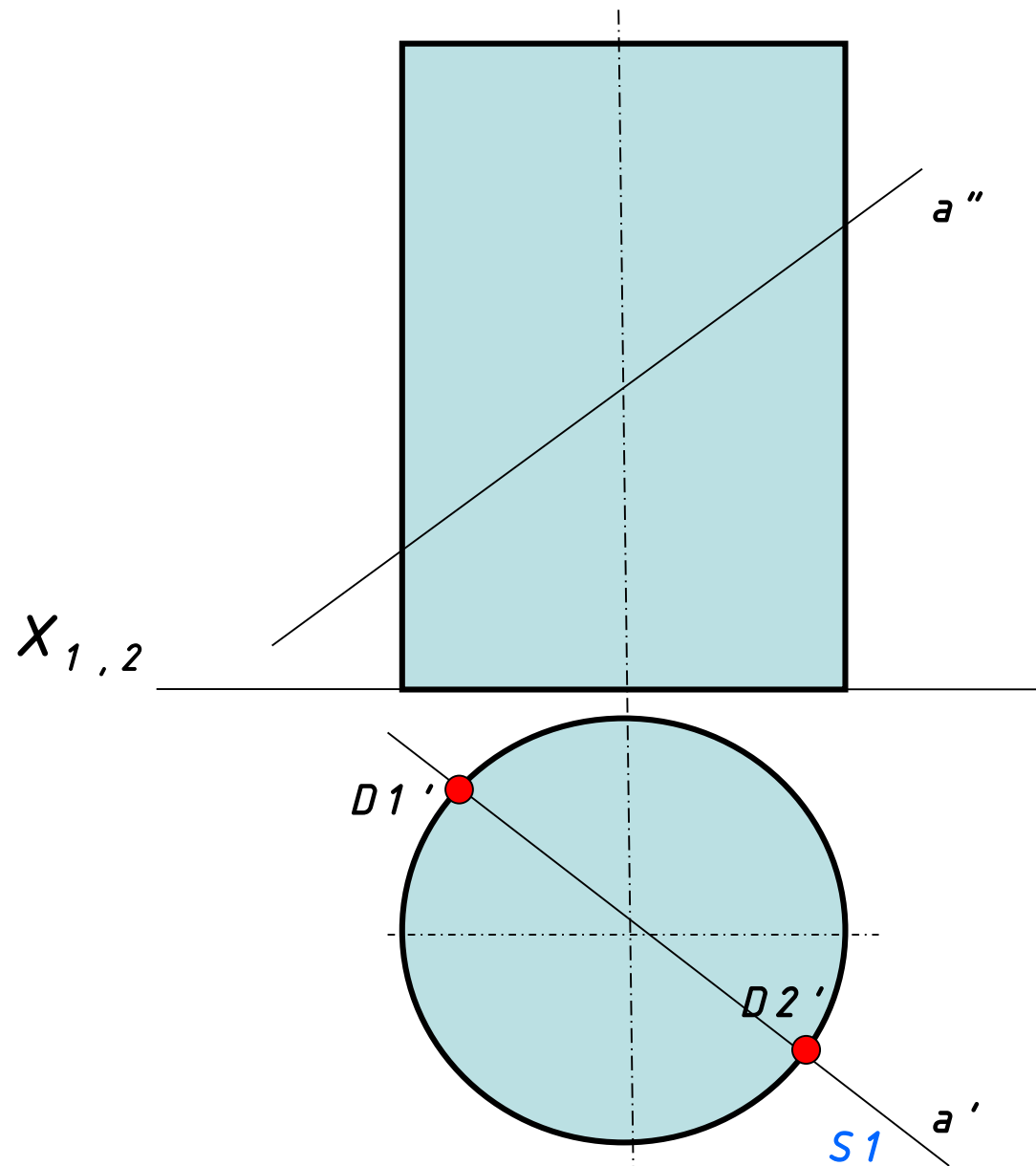
Alkotók
Vagy 1. vs

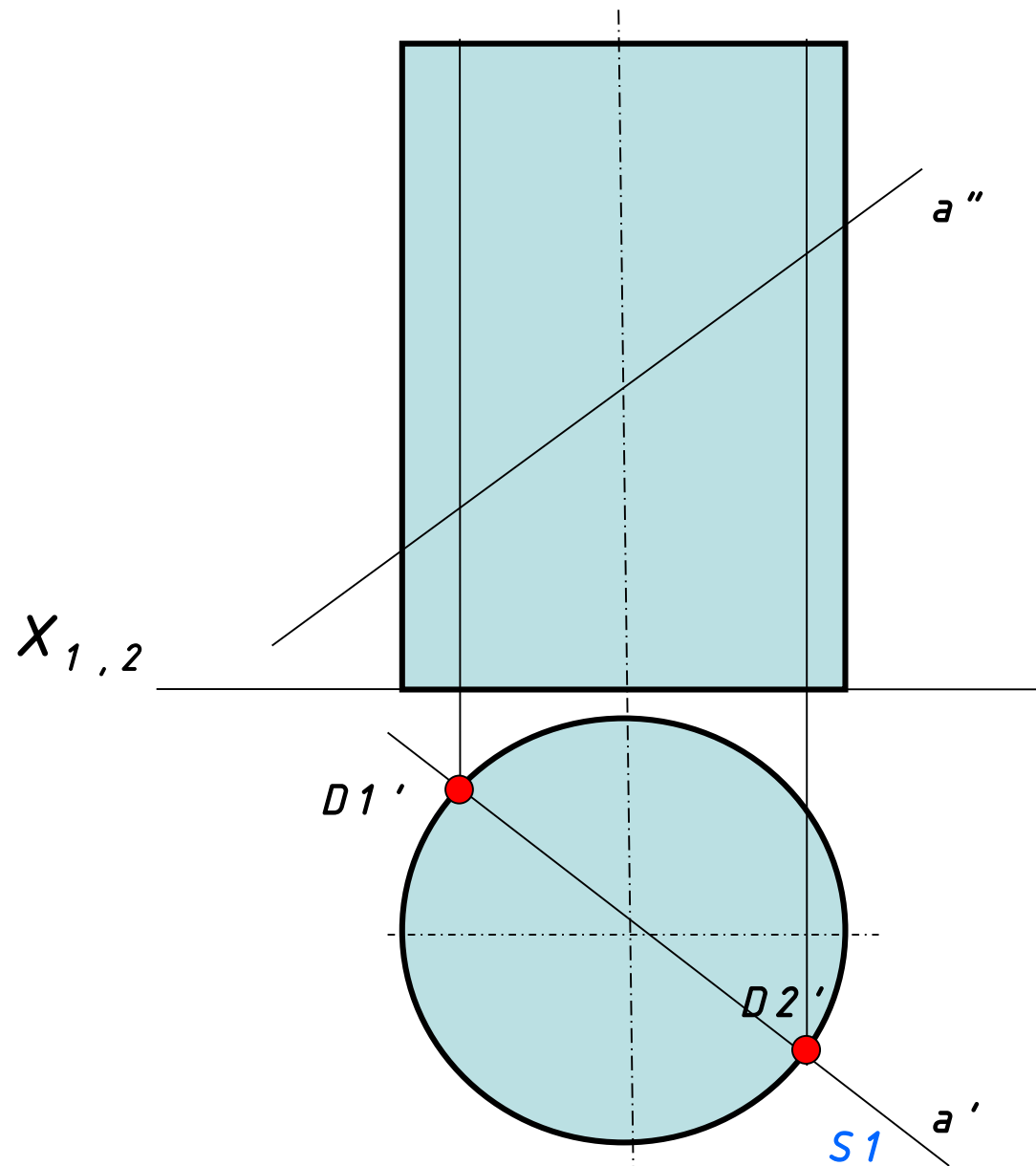
$X_{1,2}$

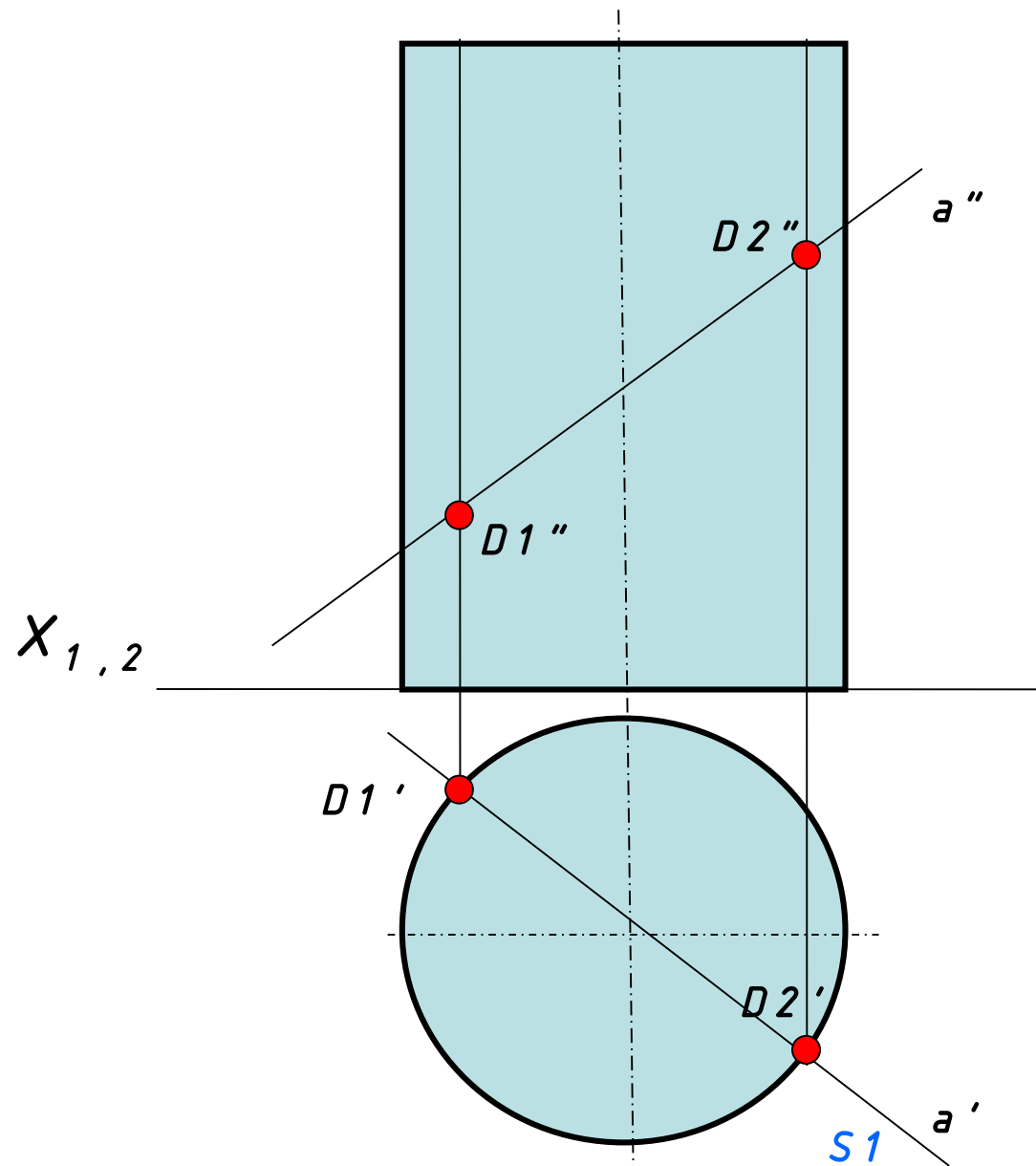
a''

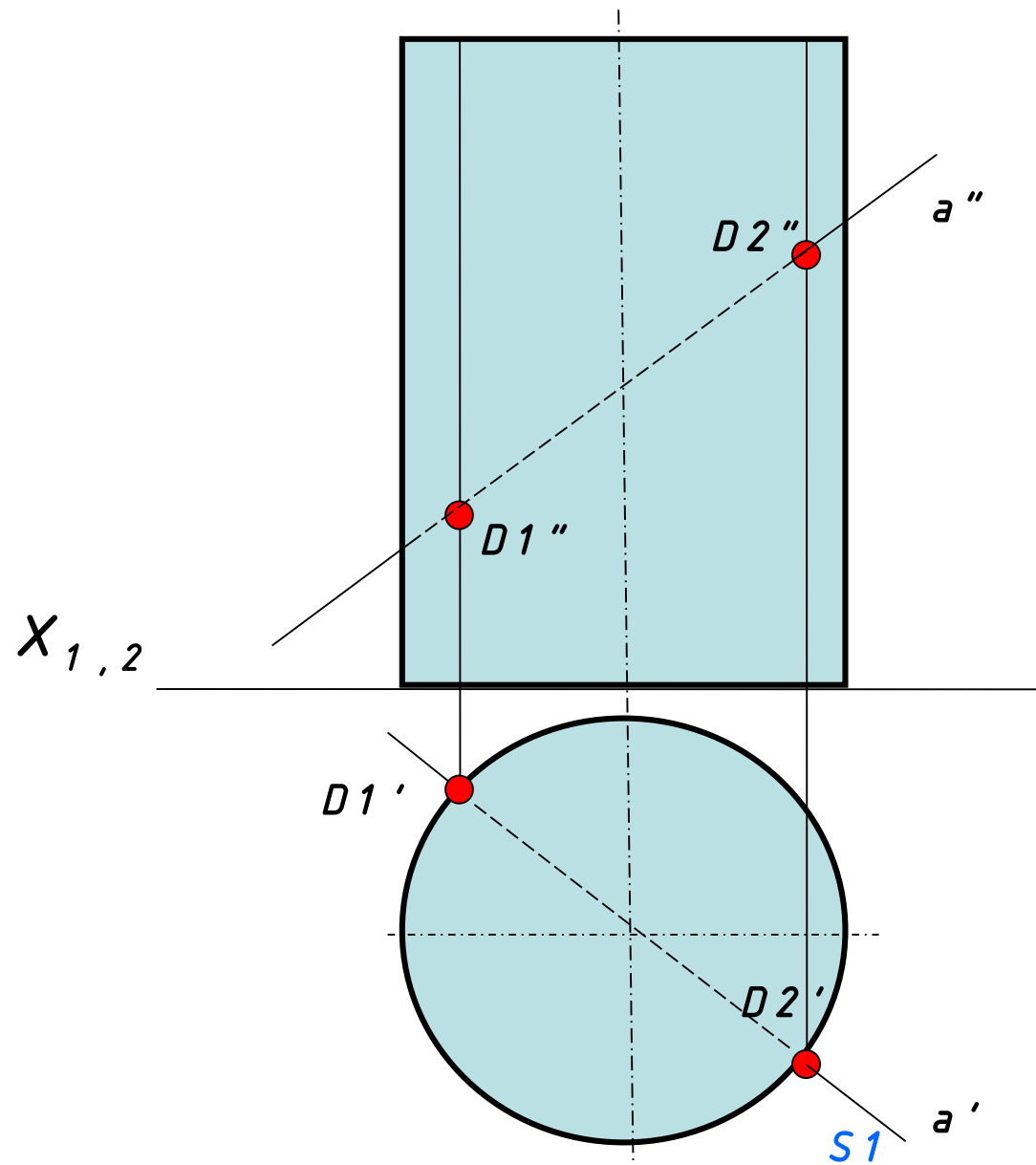
a'





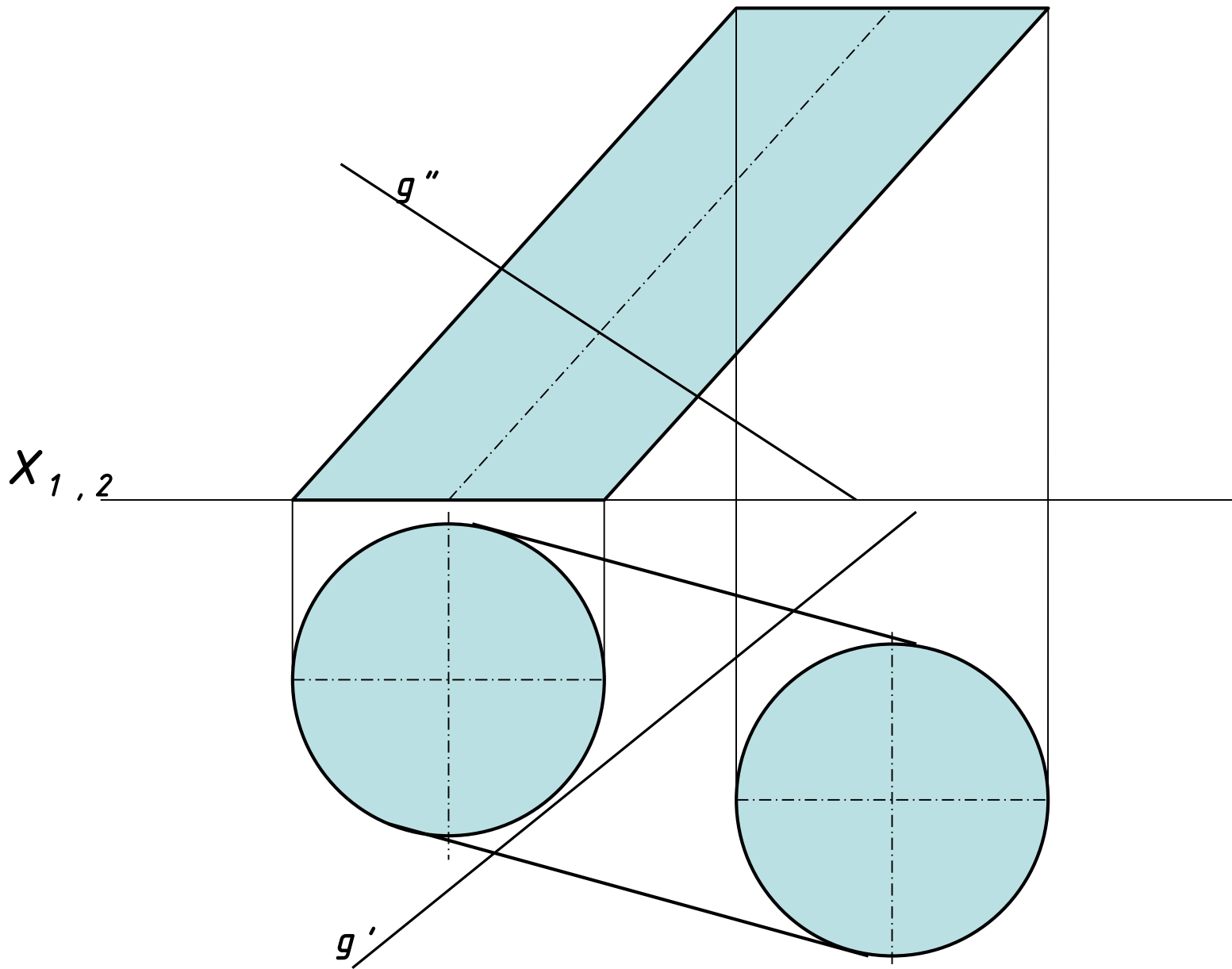


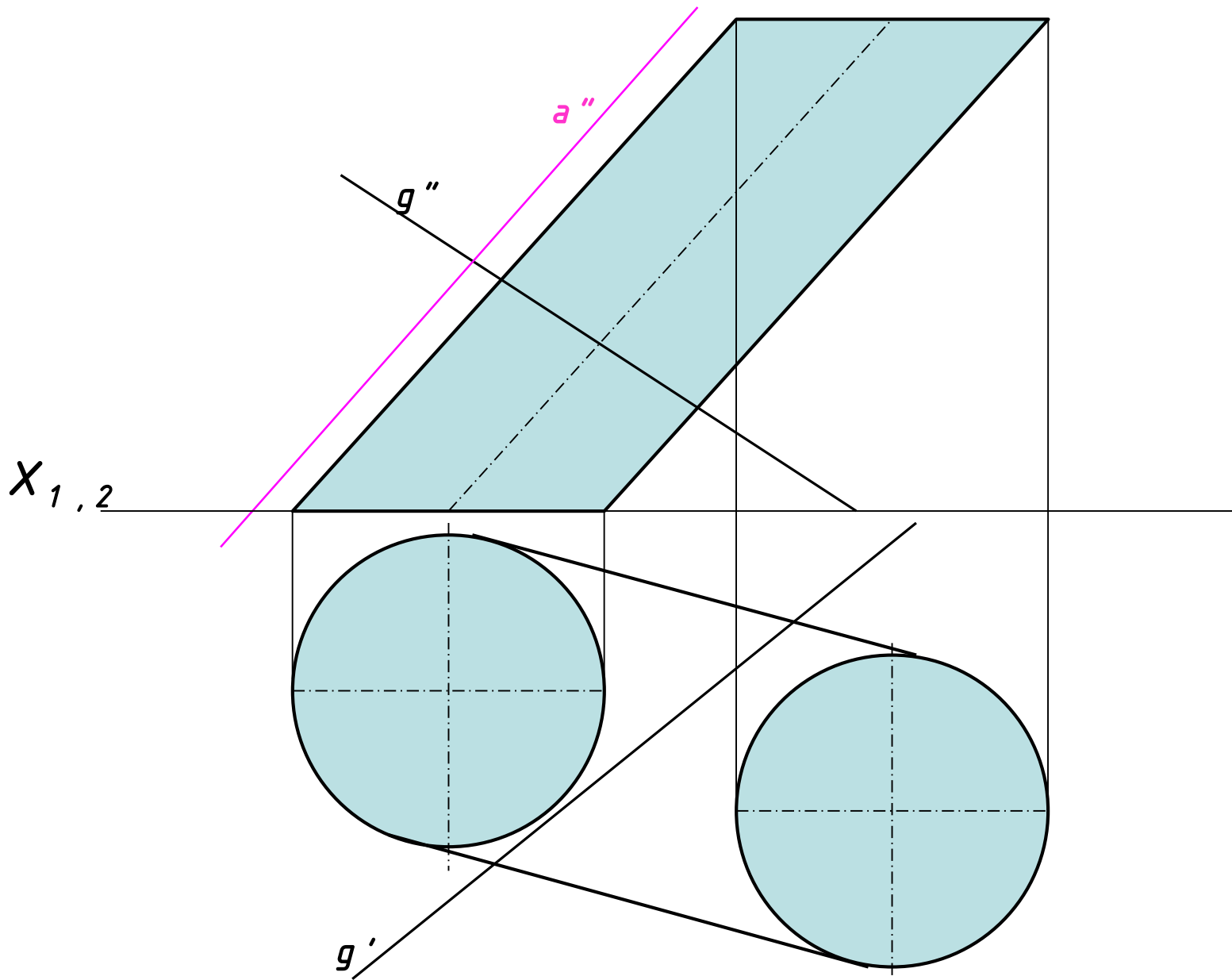


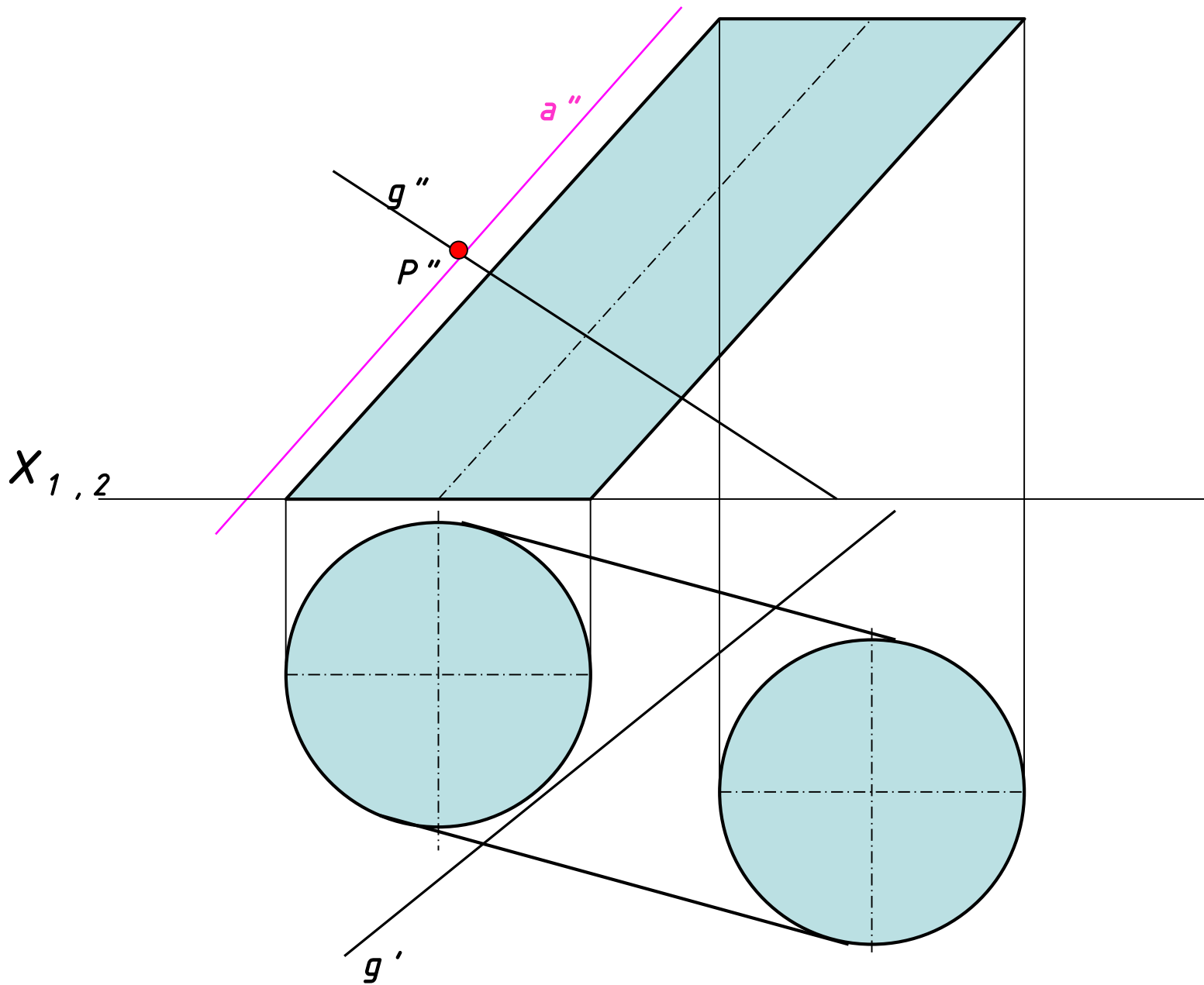


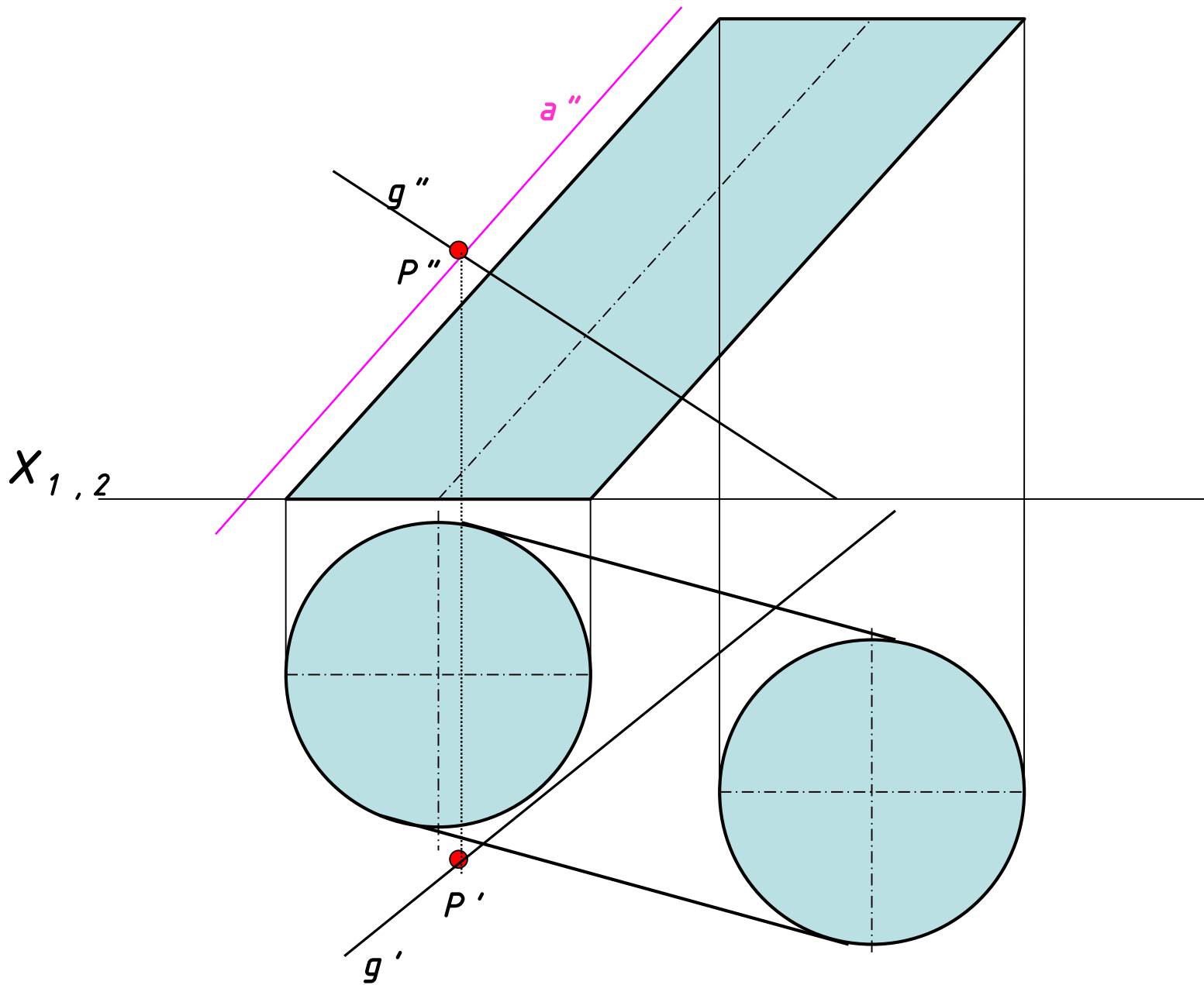
2.

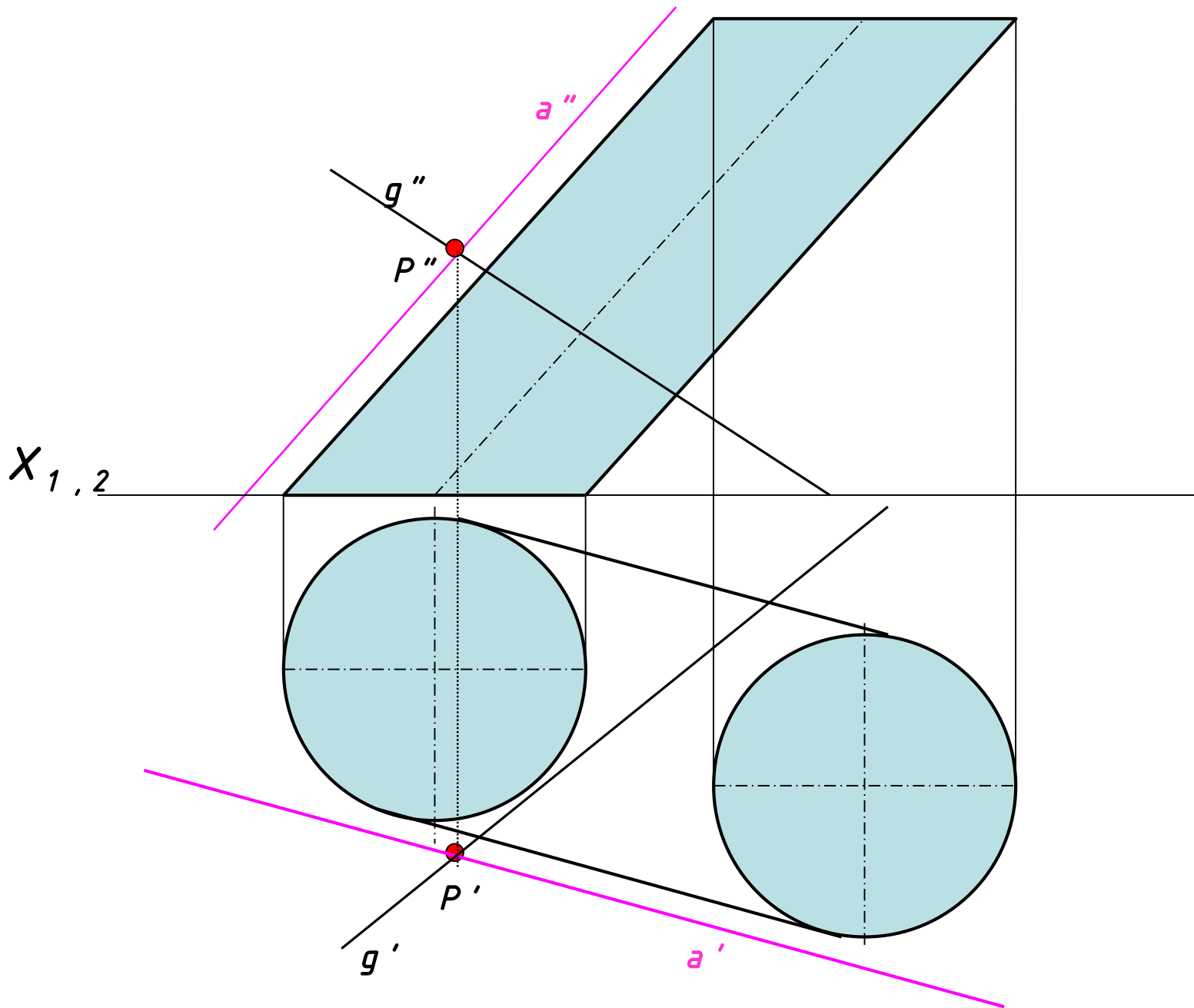
Segédegyenes, segédsík nyomvonala

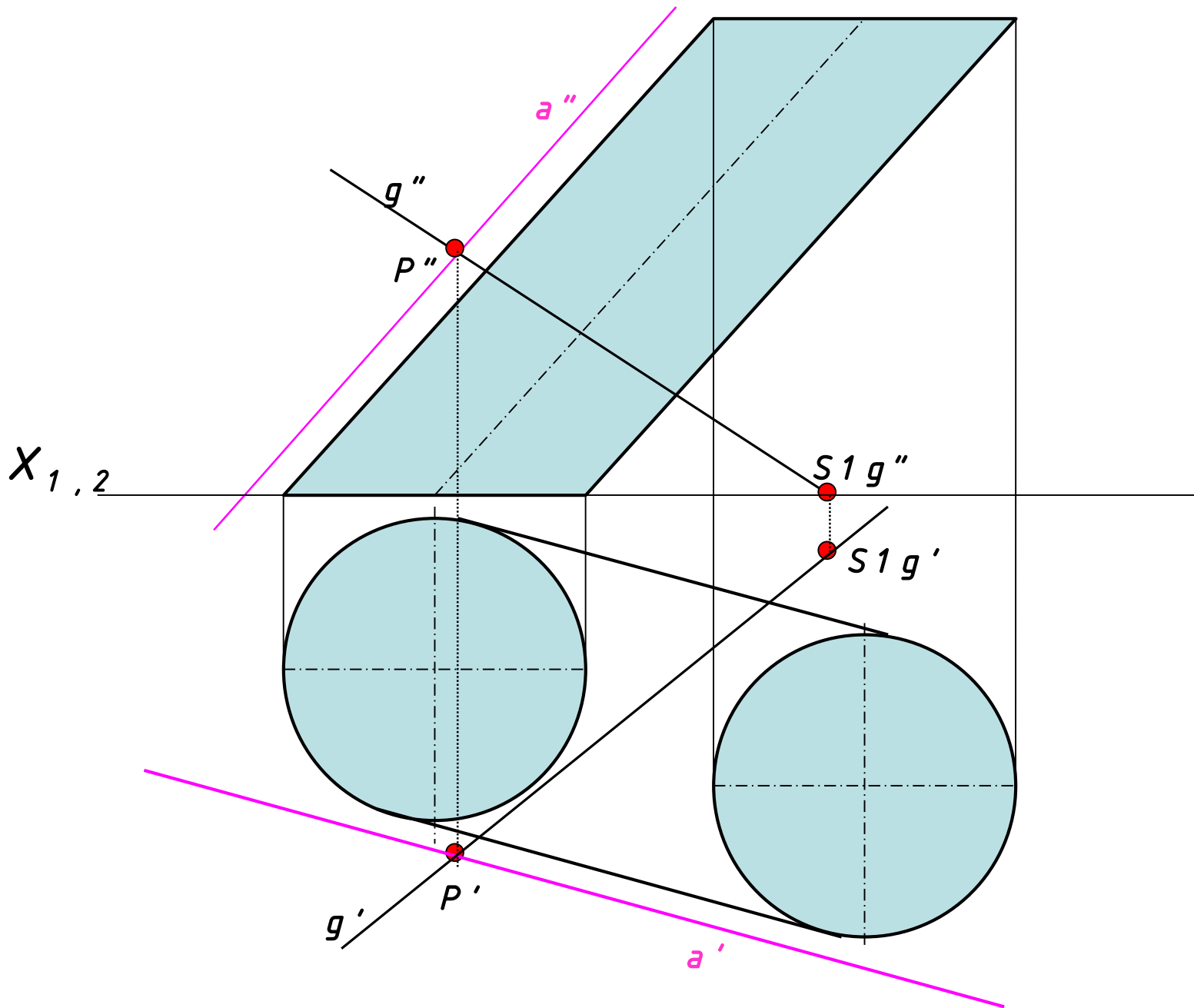


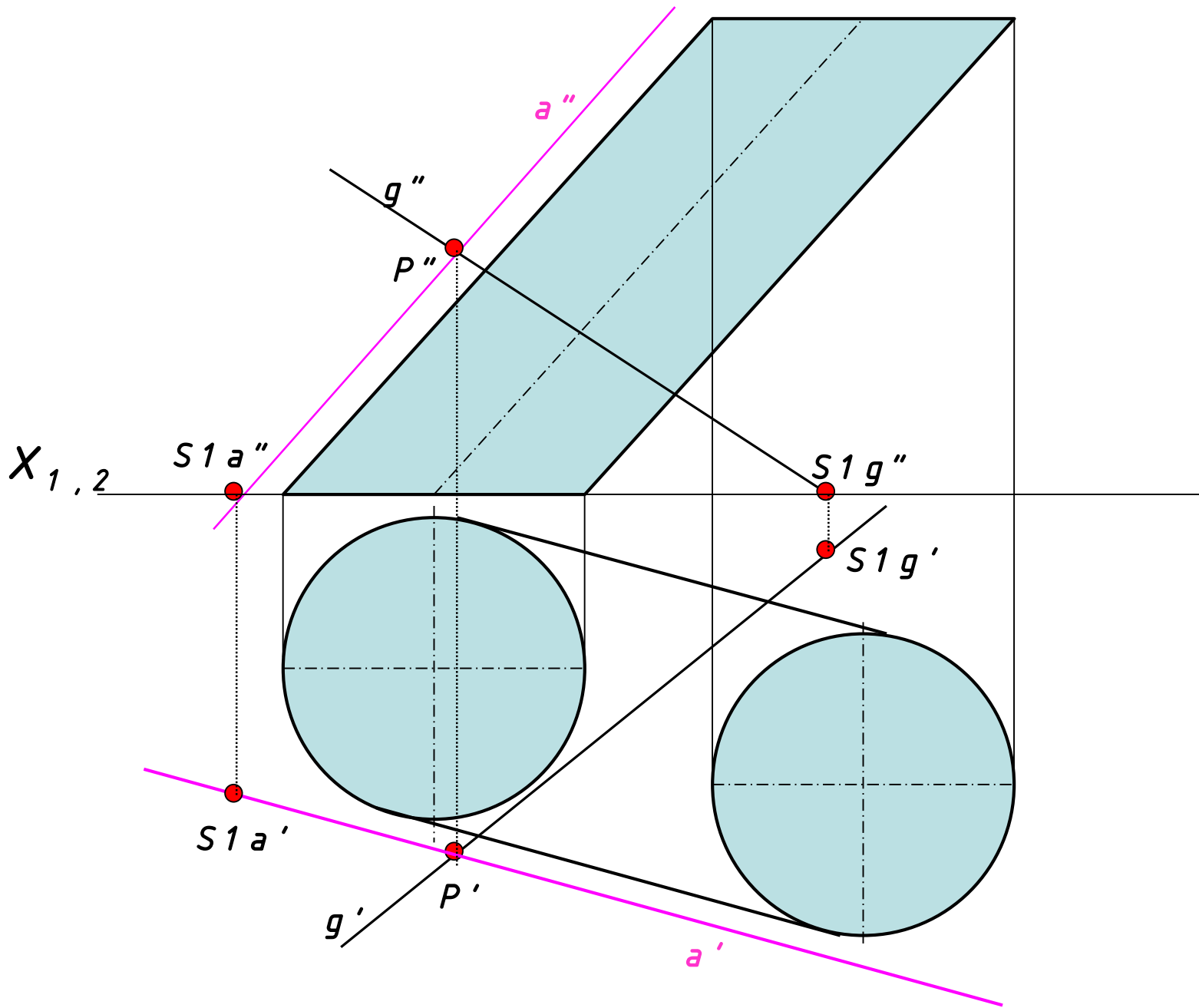


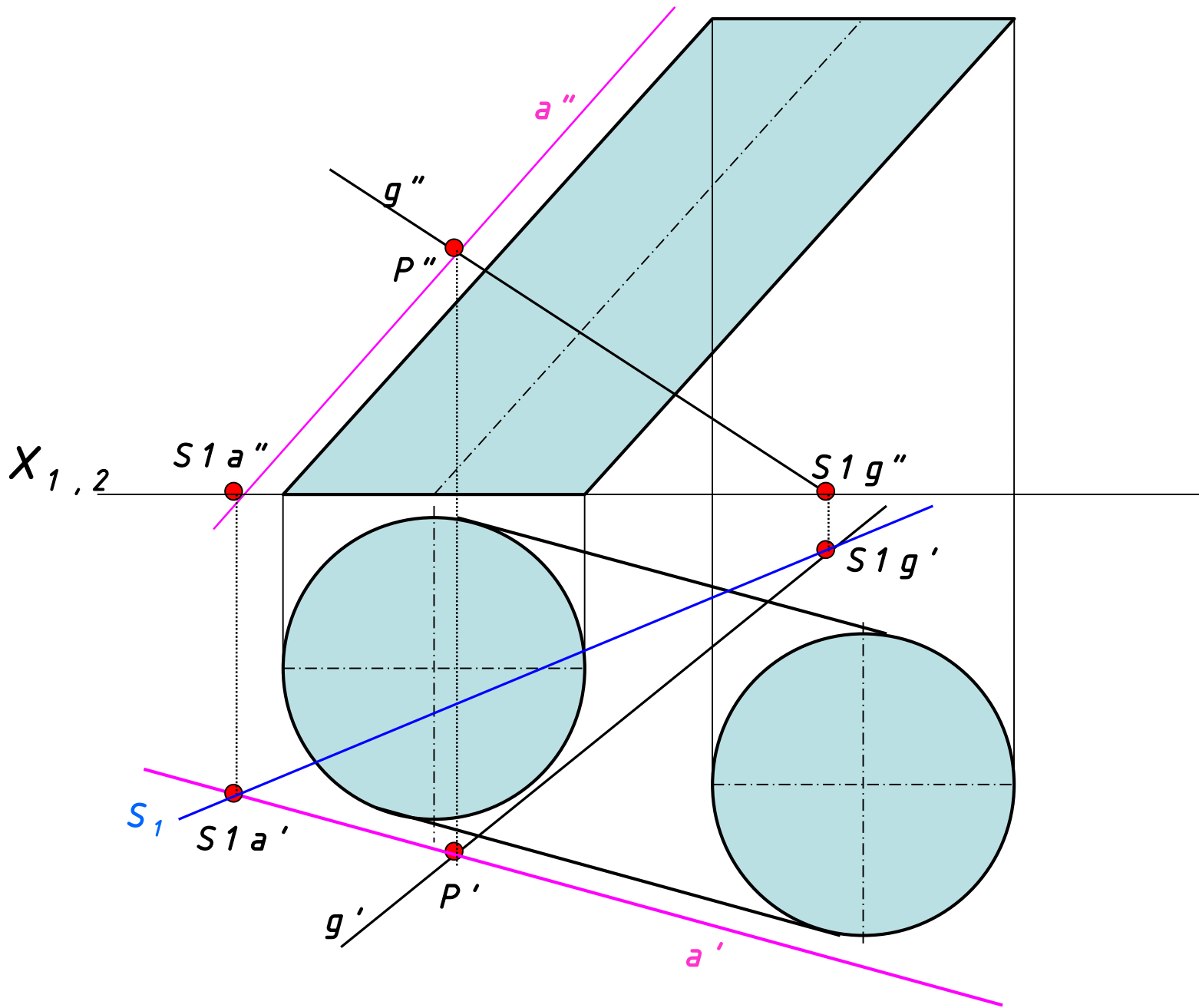


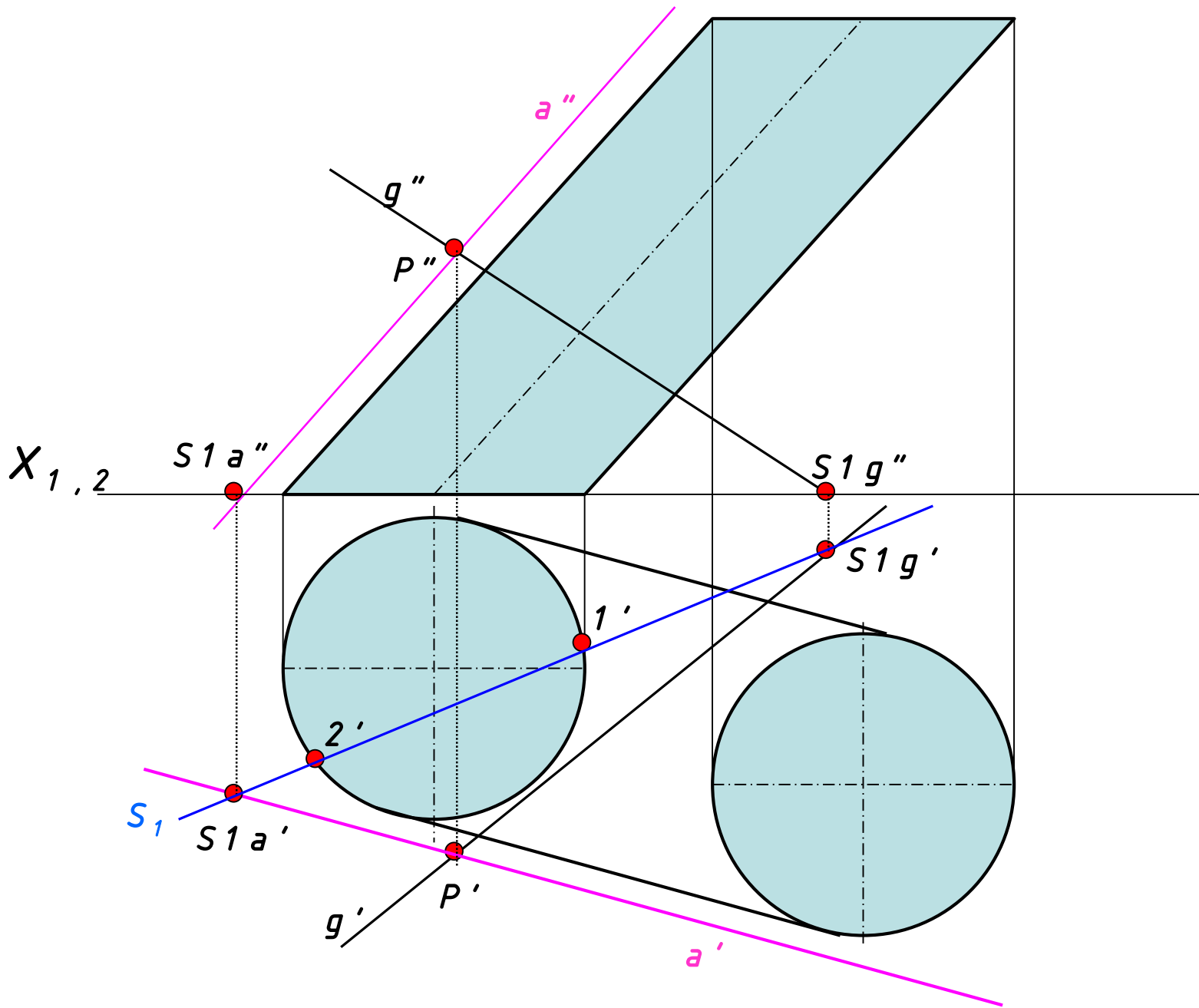


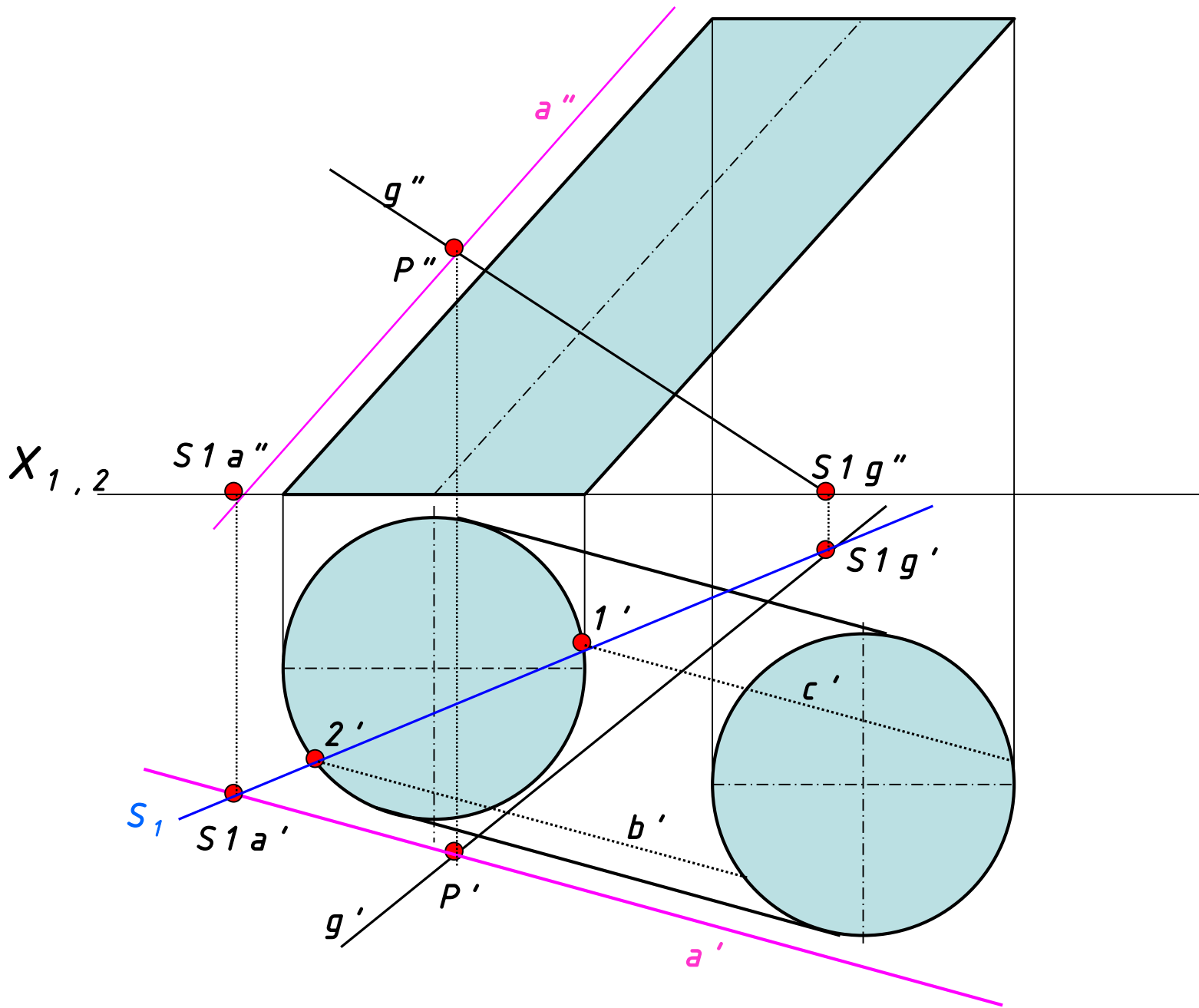


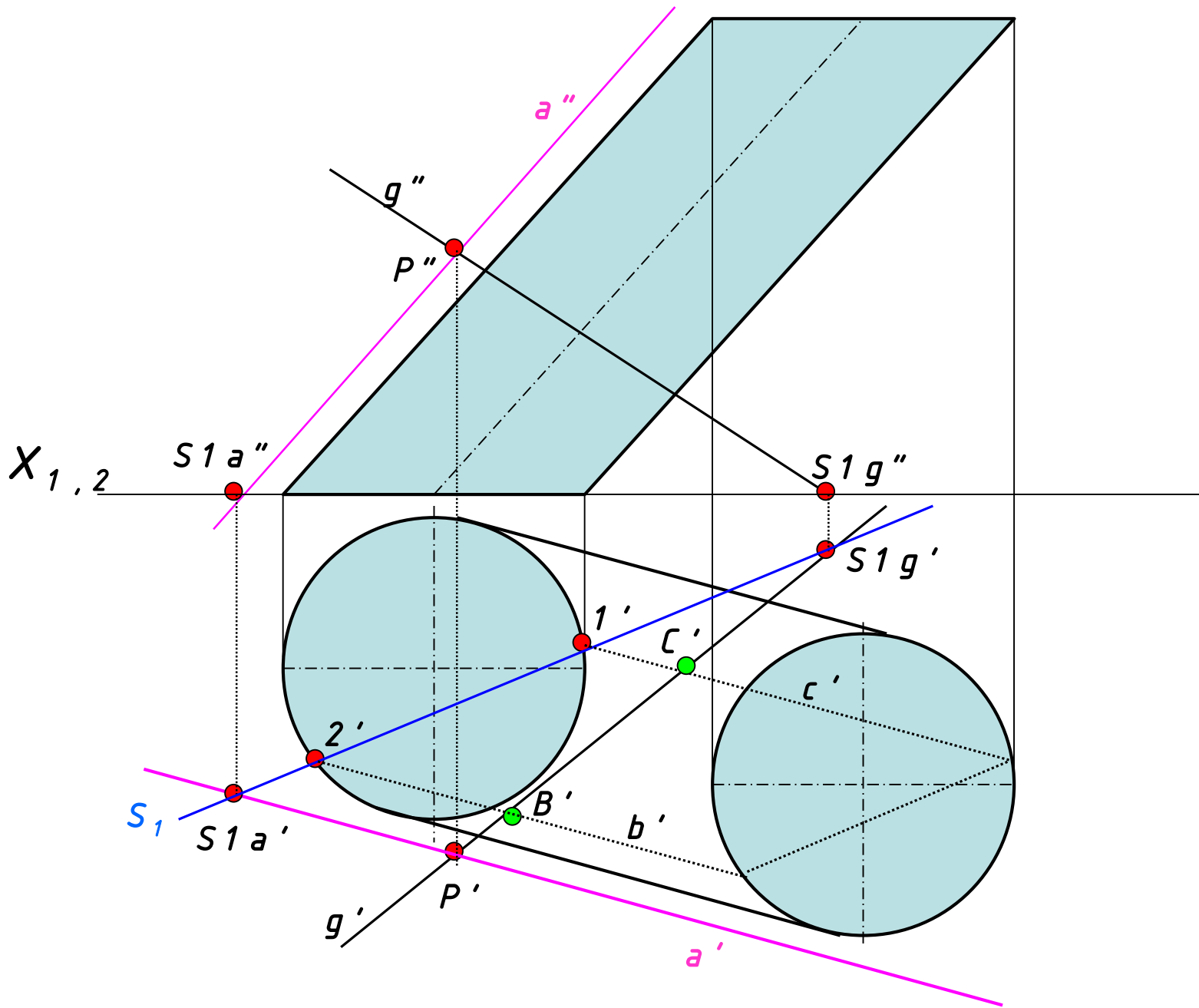


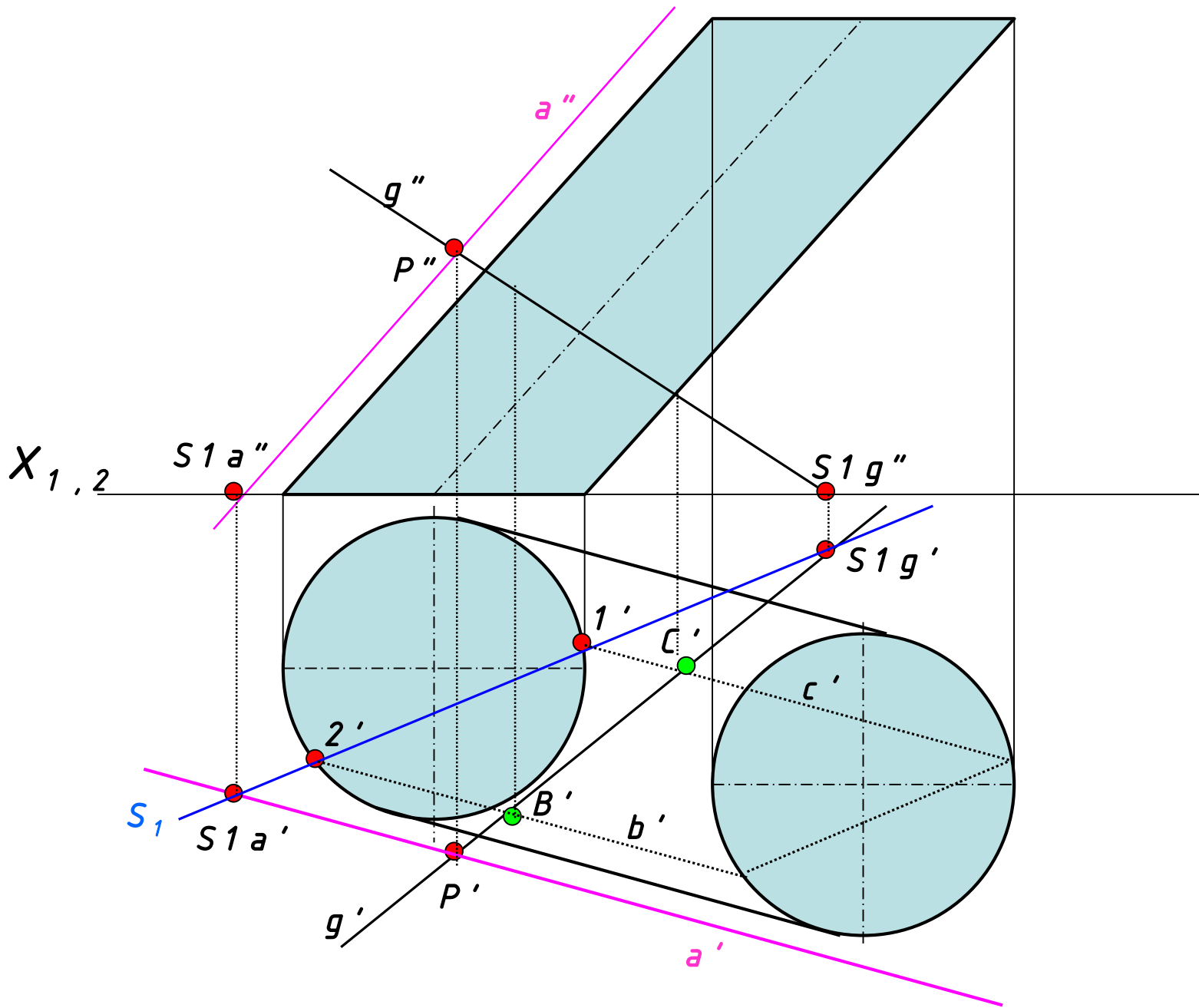


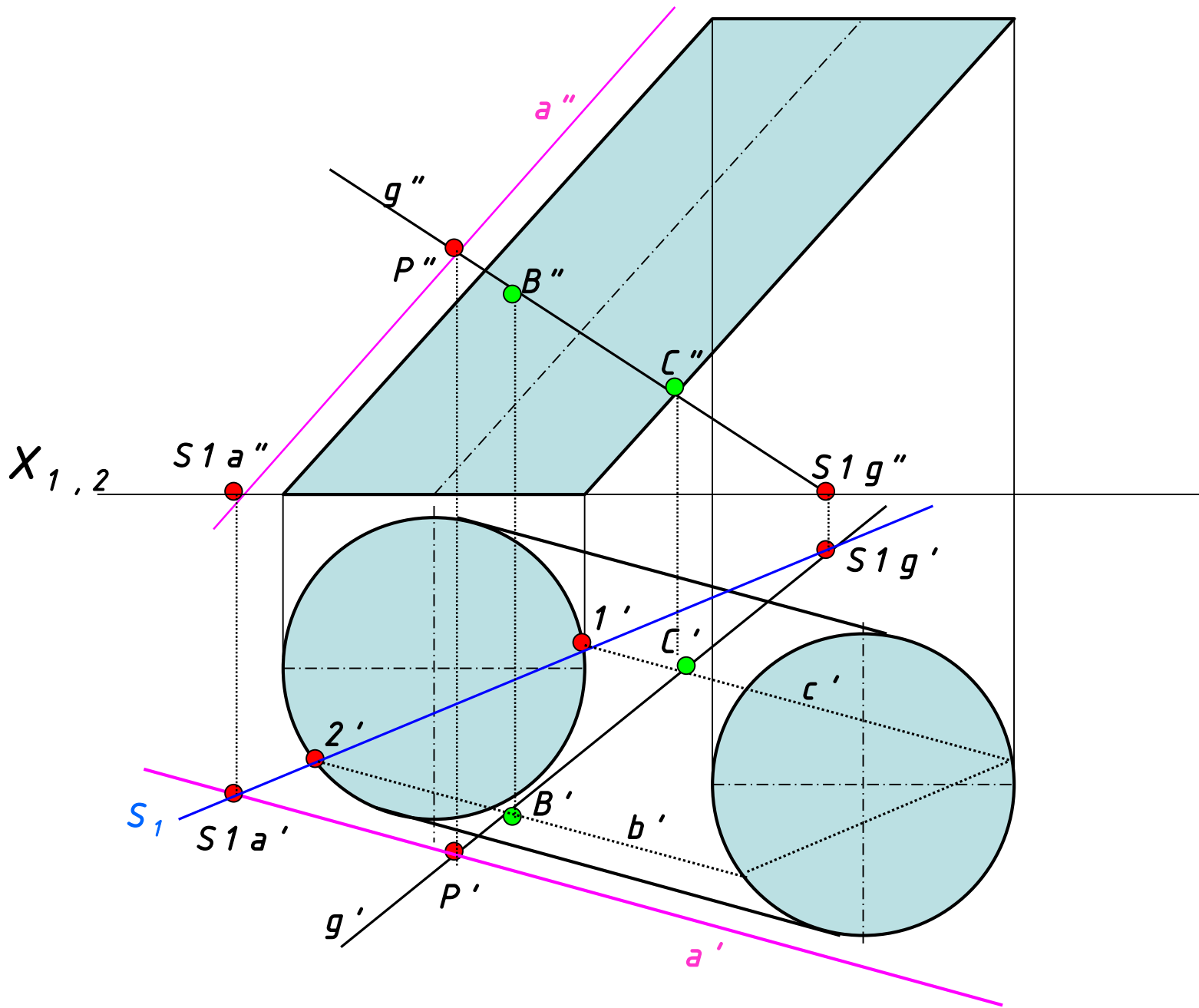


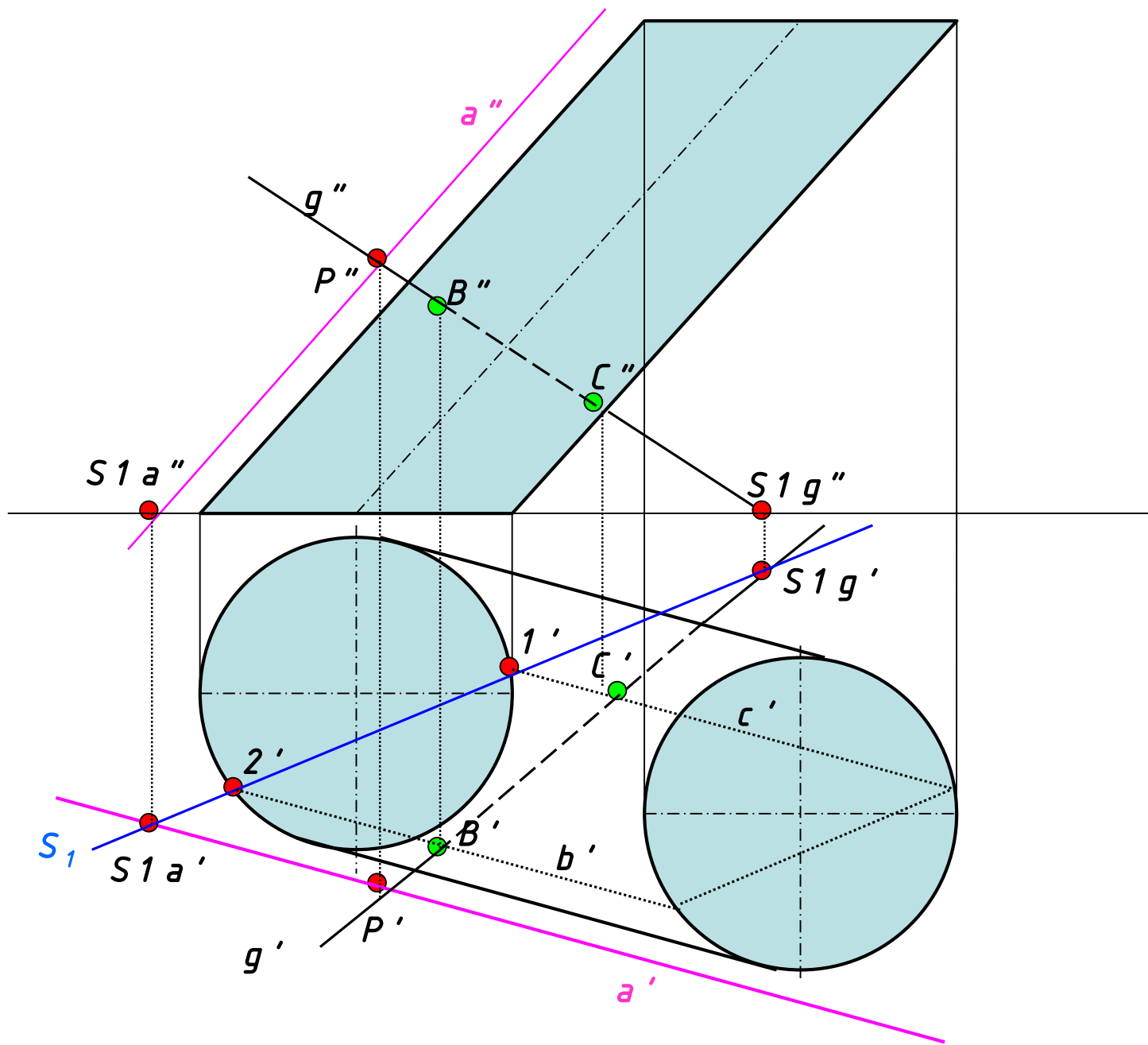










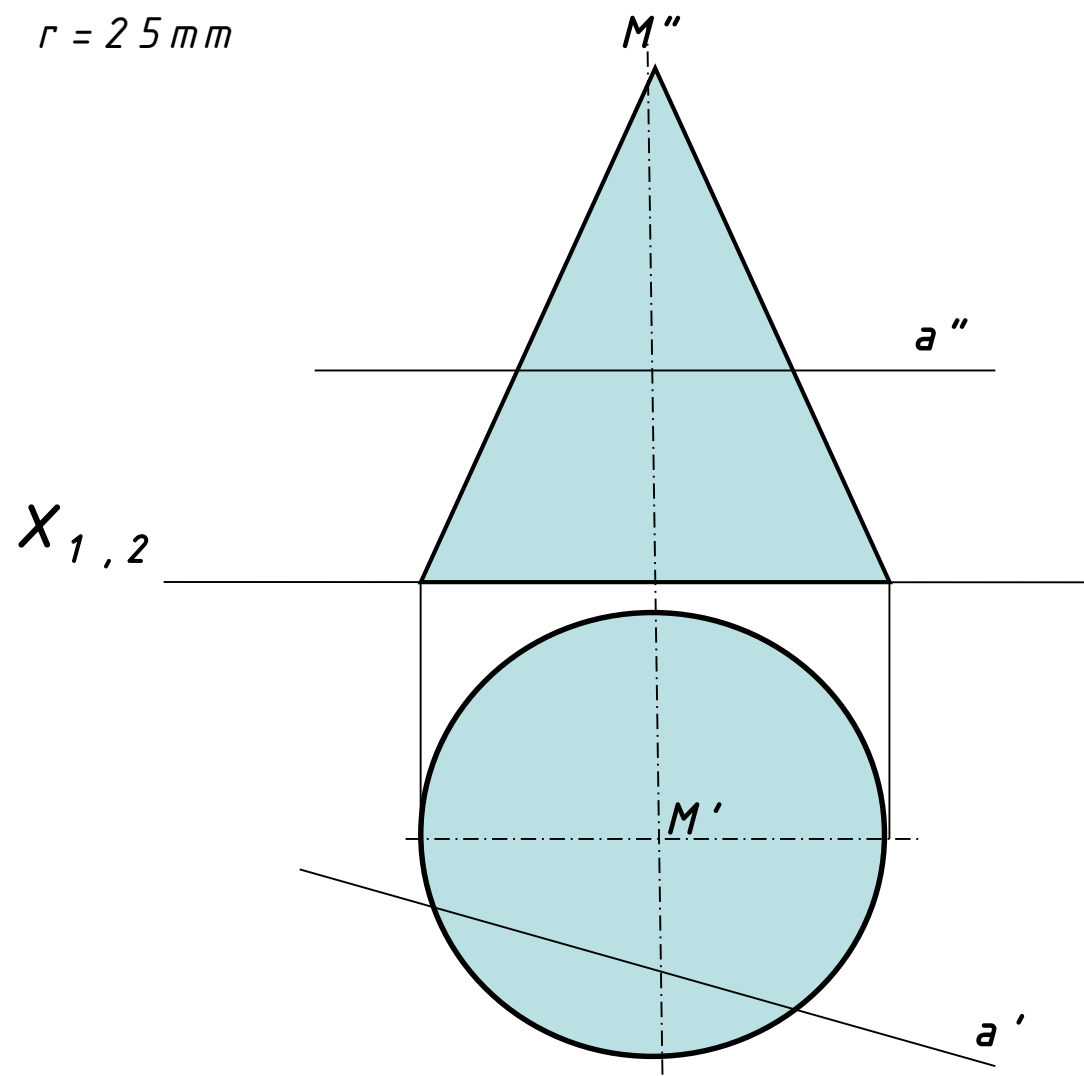


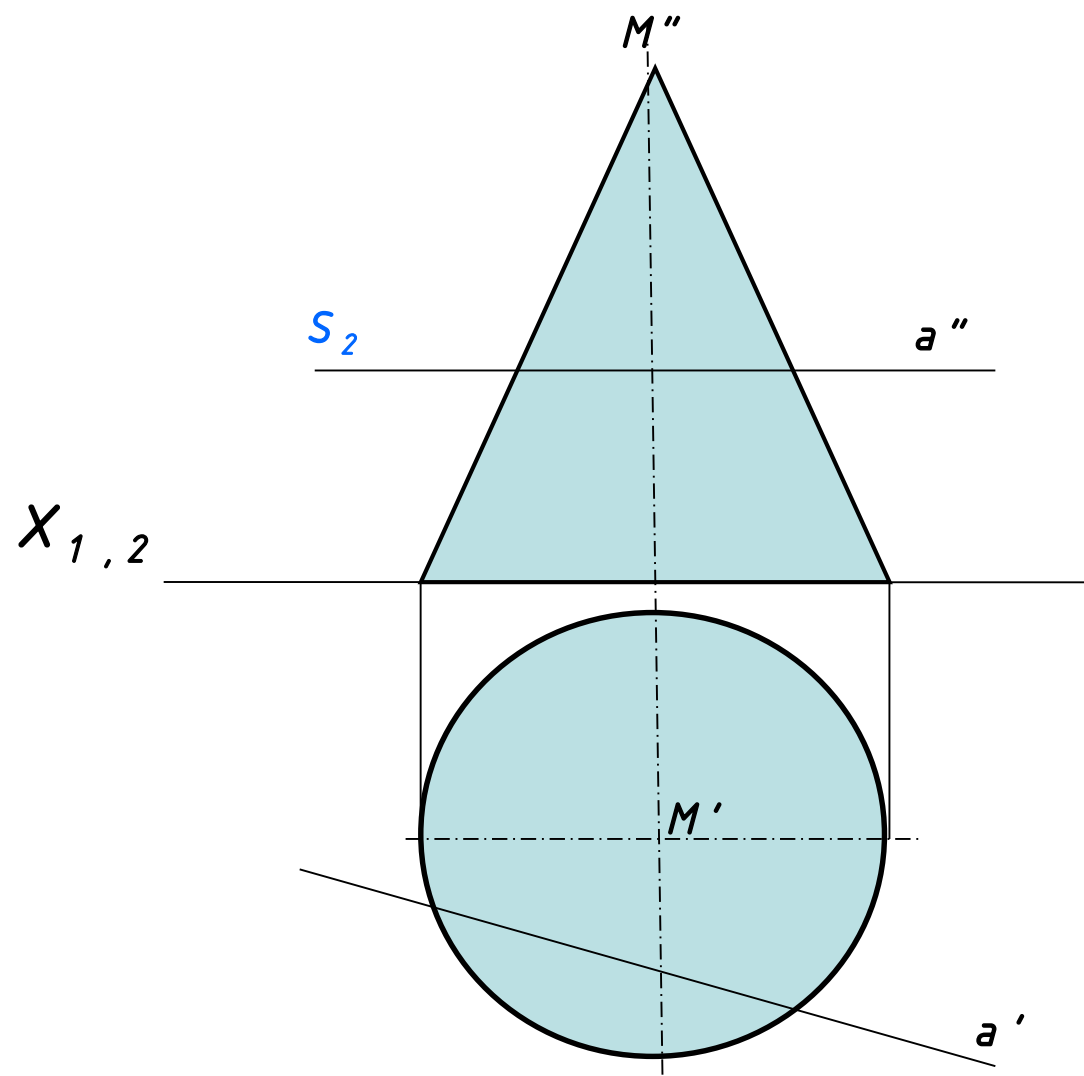
3.

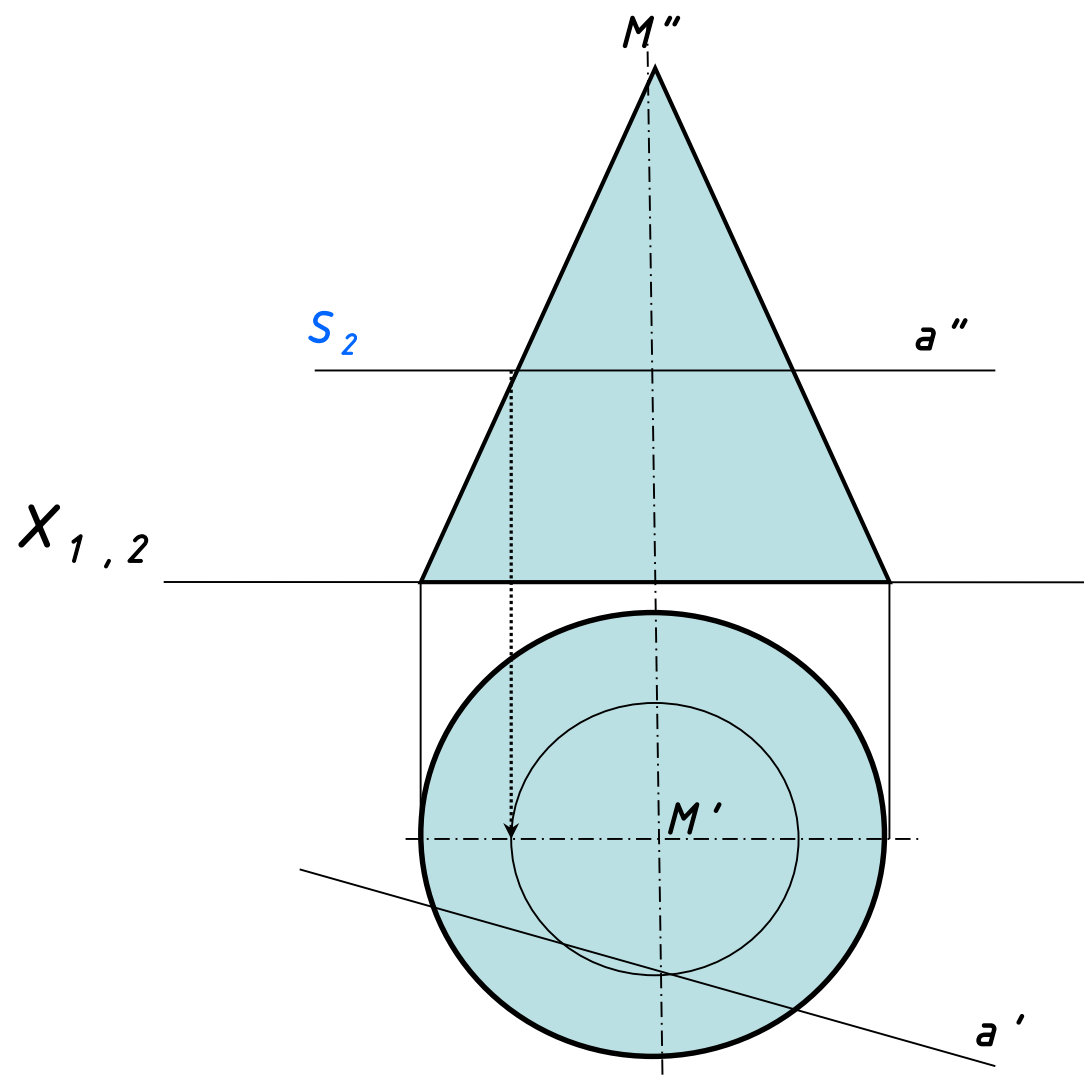
1 főnök (szeptember)

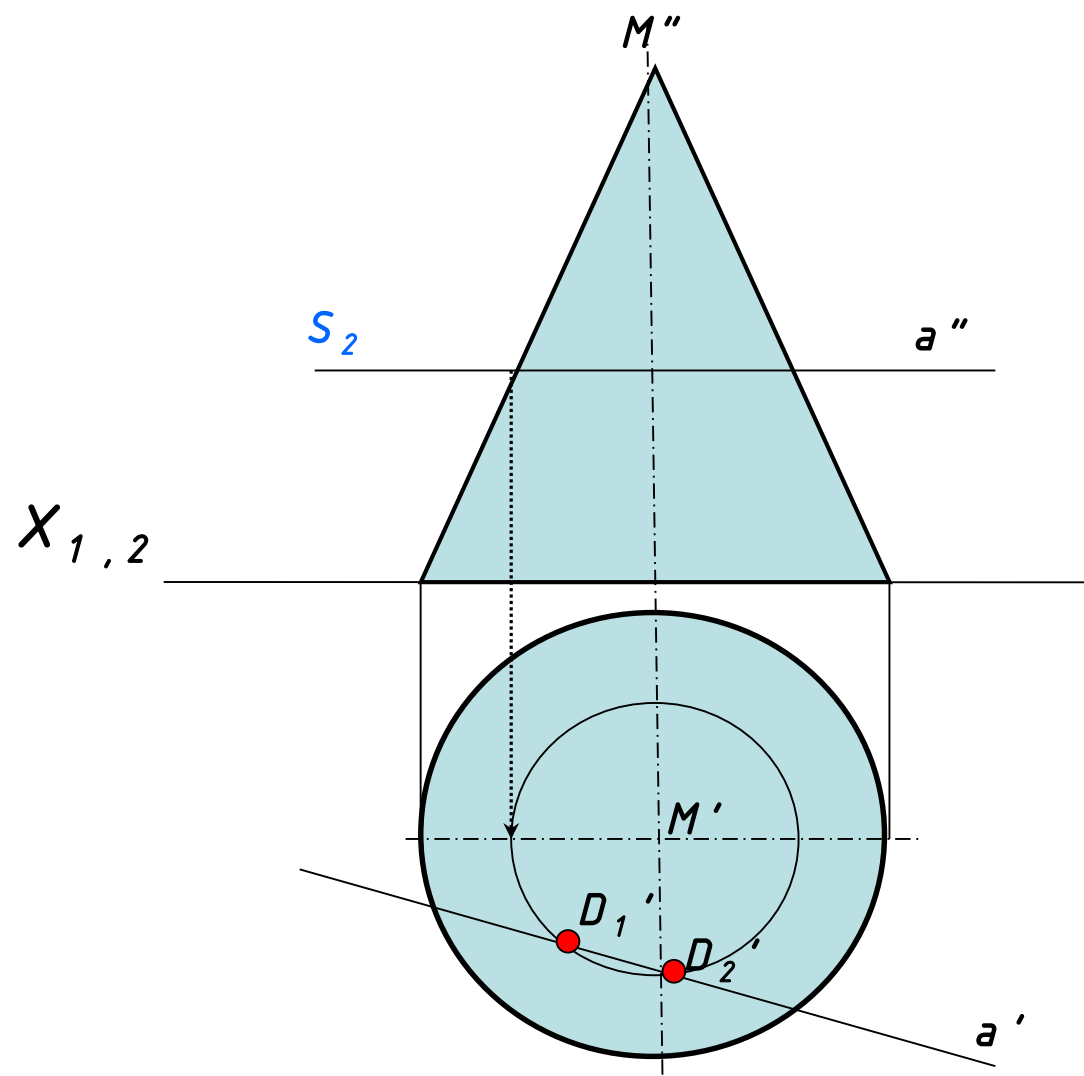
$$h = 60$$

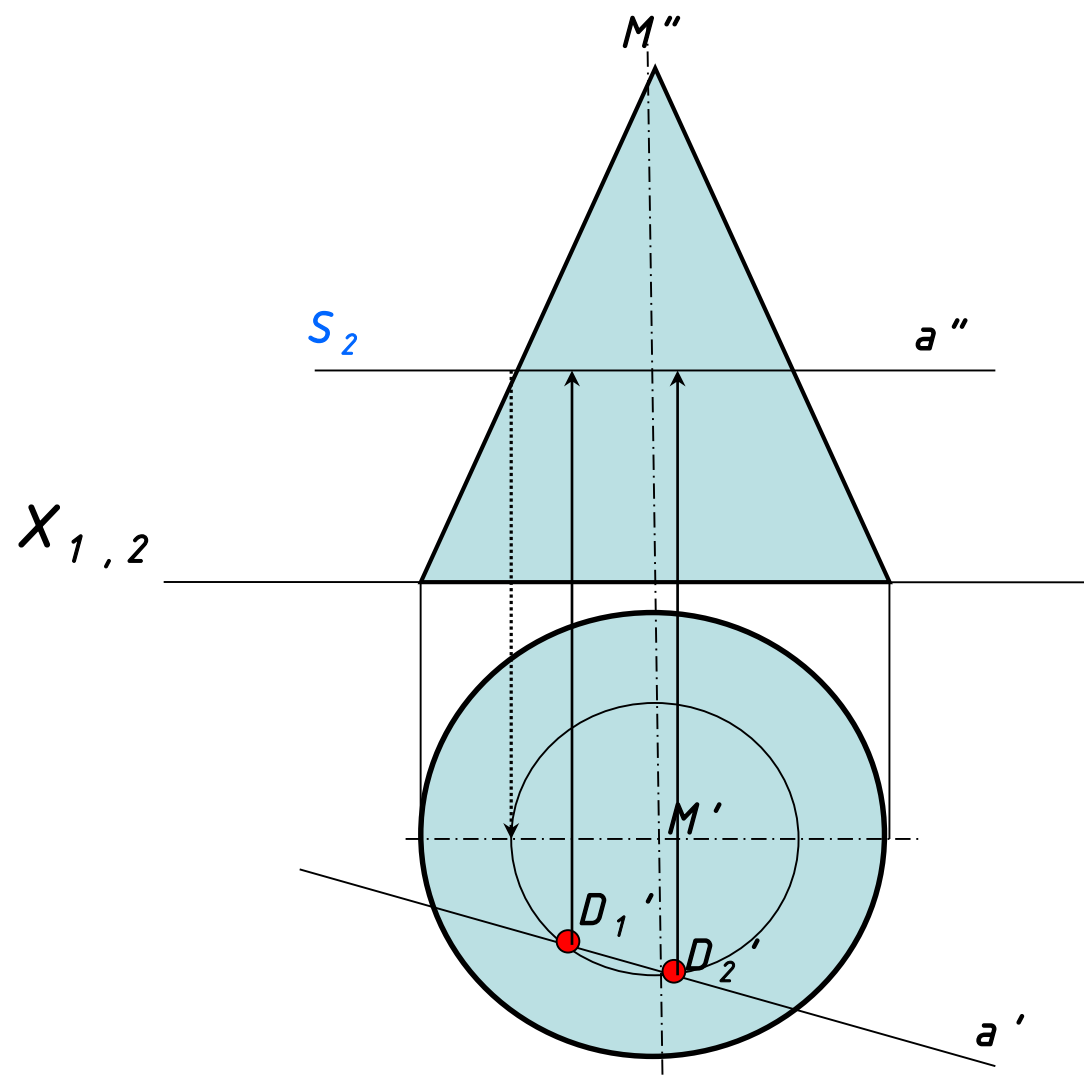
$$r = 25\text{ mm}$$

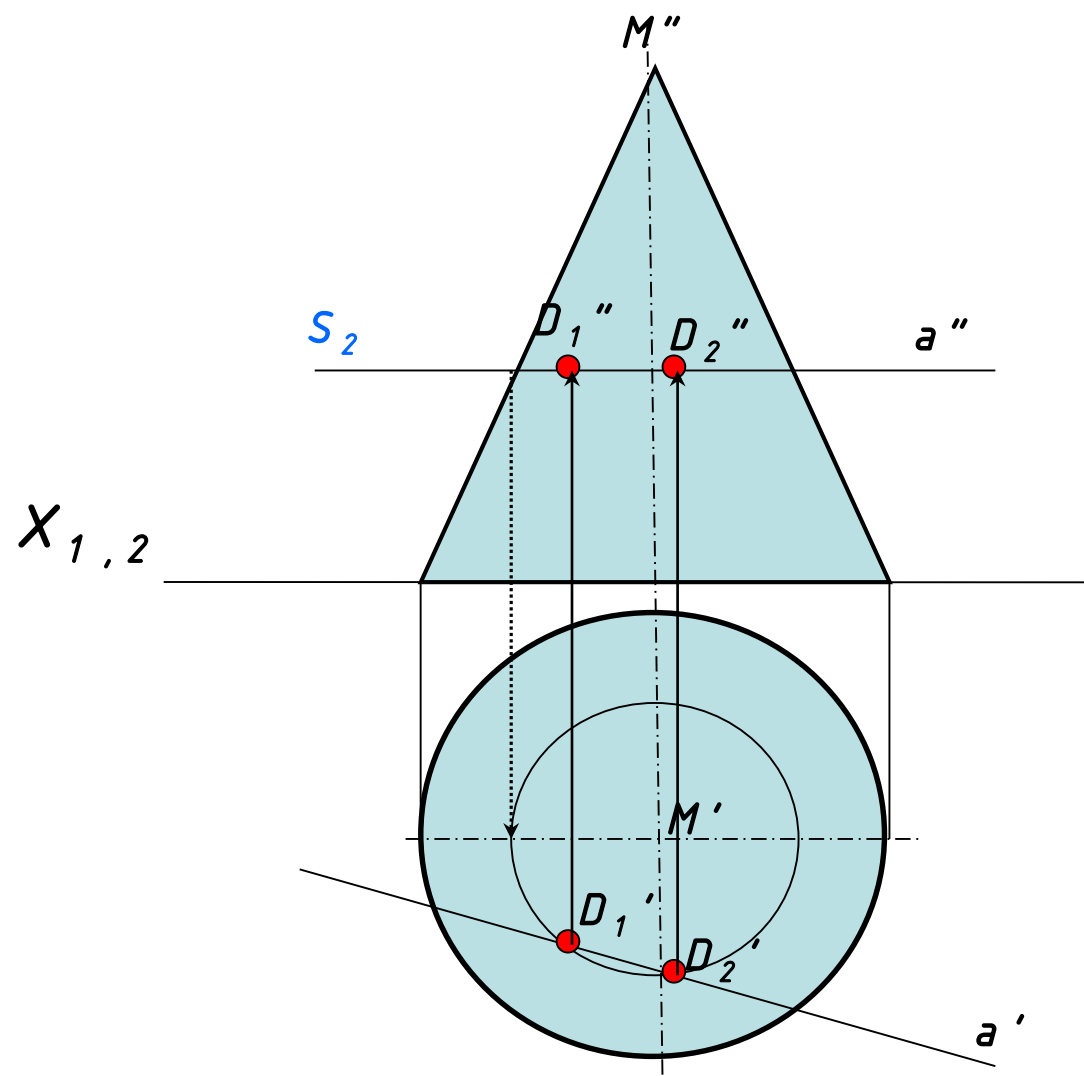


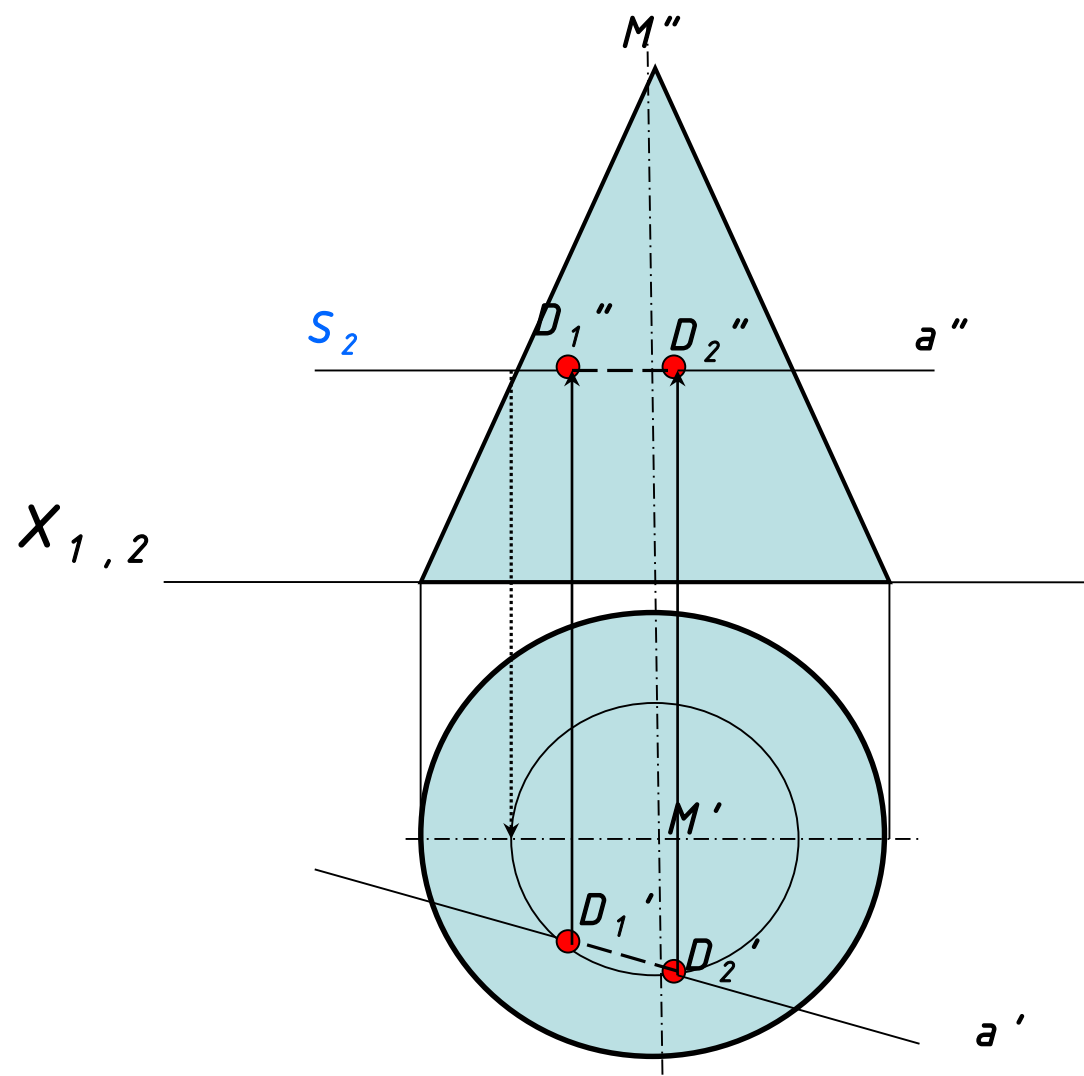












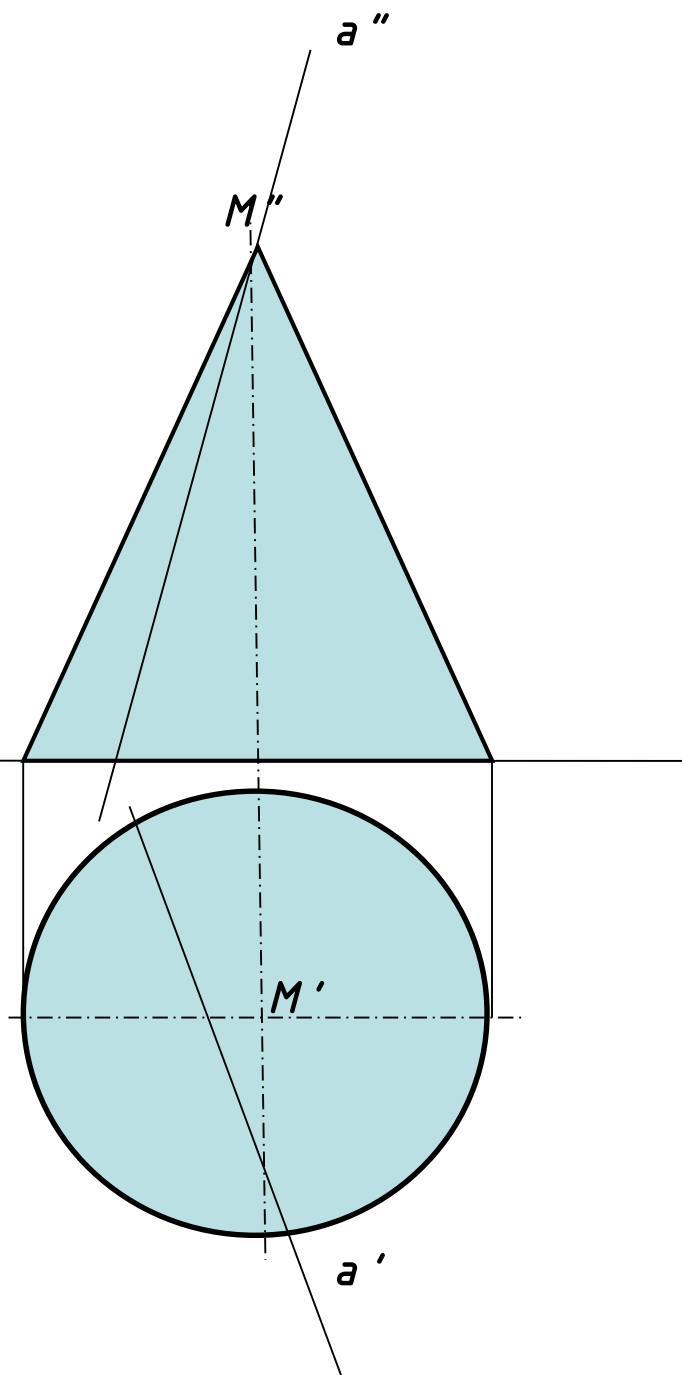
4.

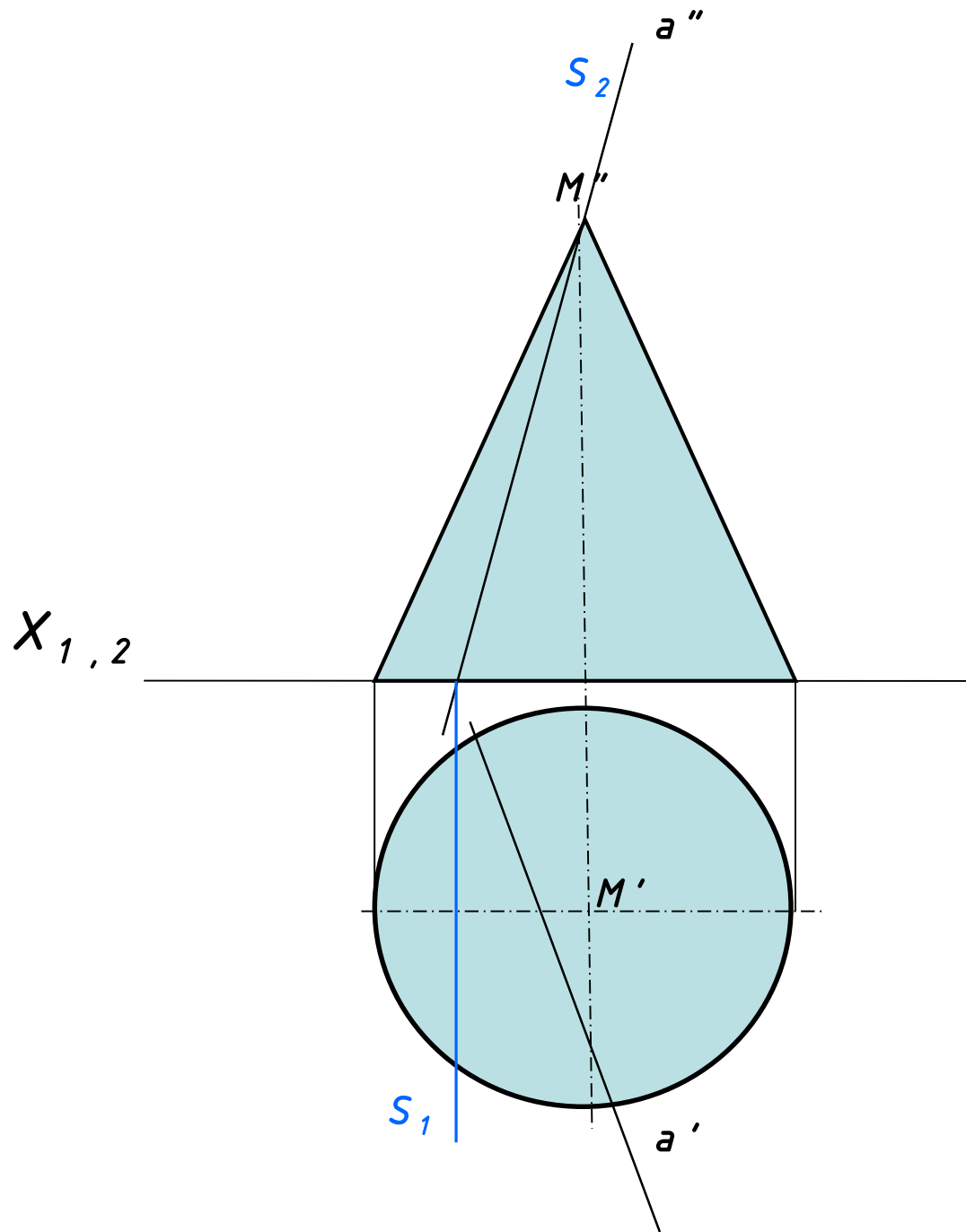
2. Vetítősík

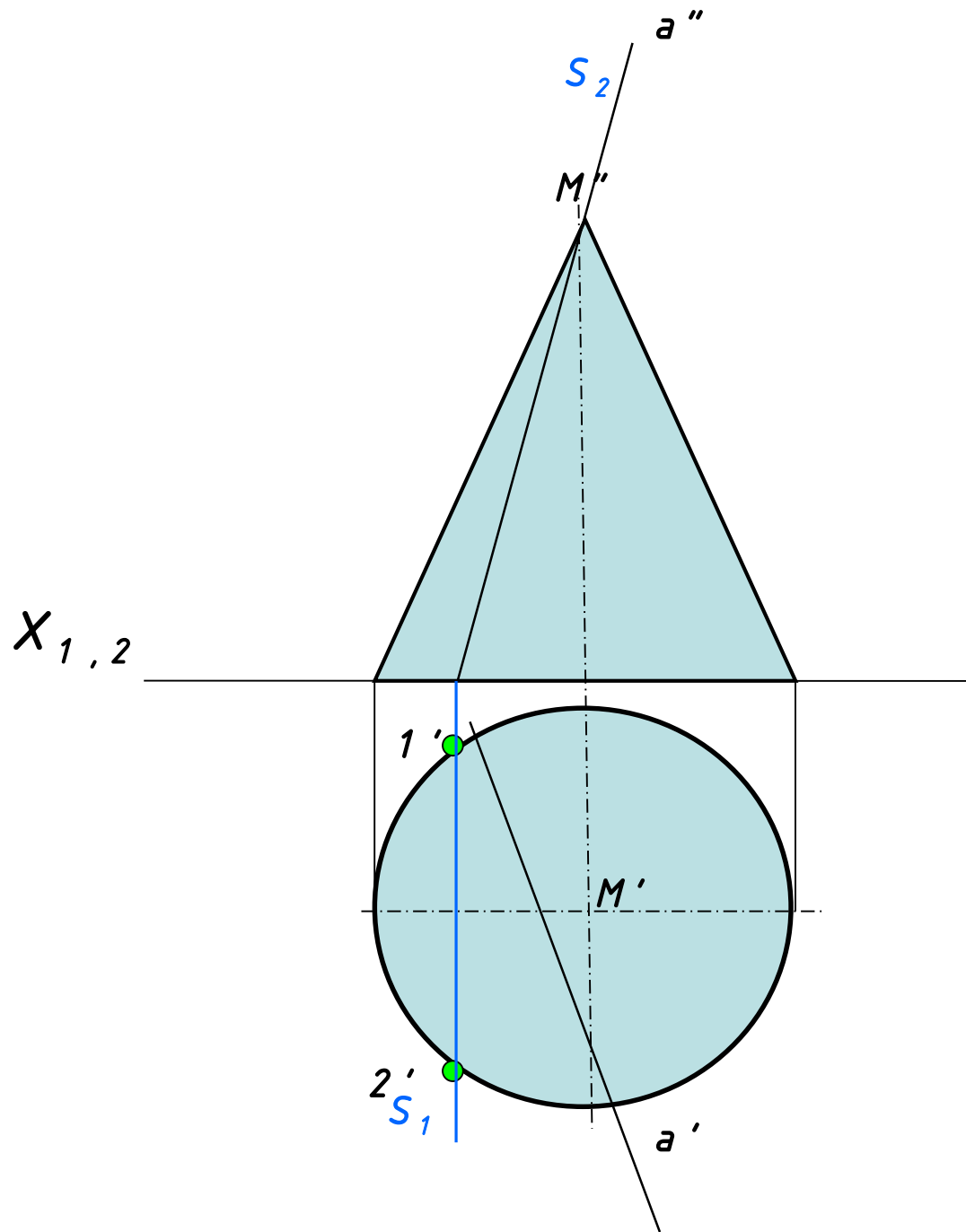
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 $r = 25\text{ mm}$

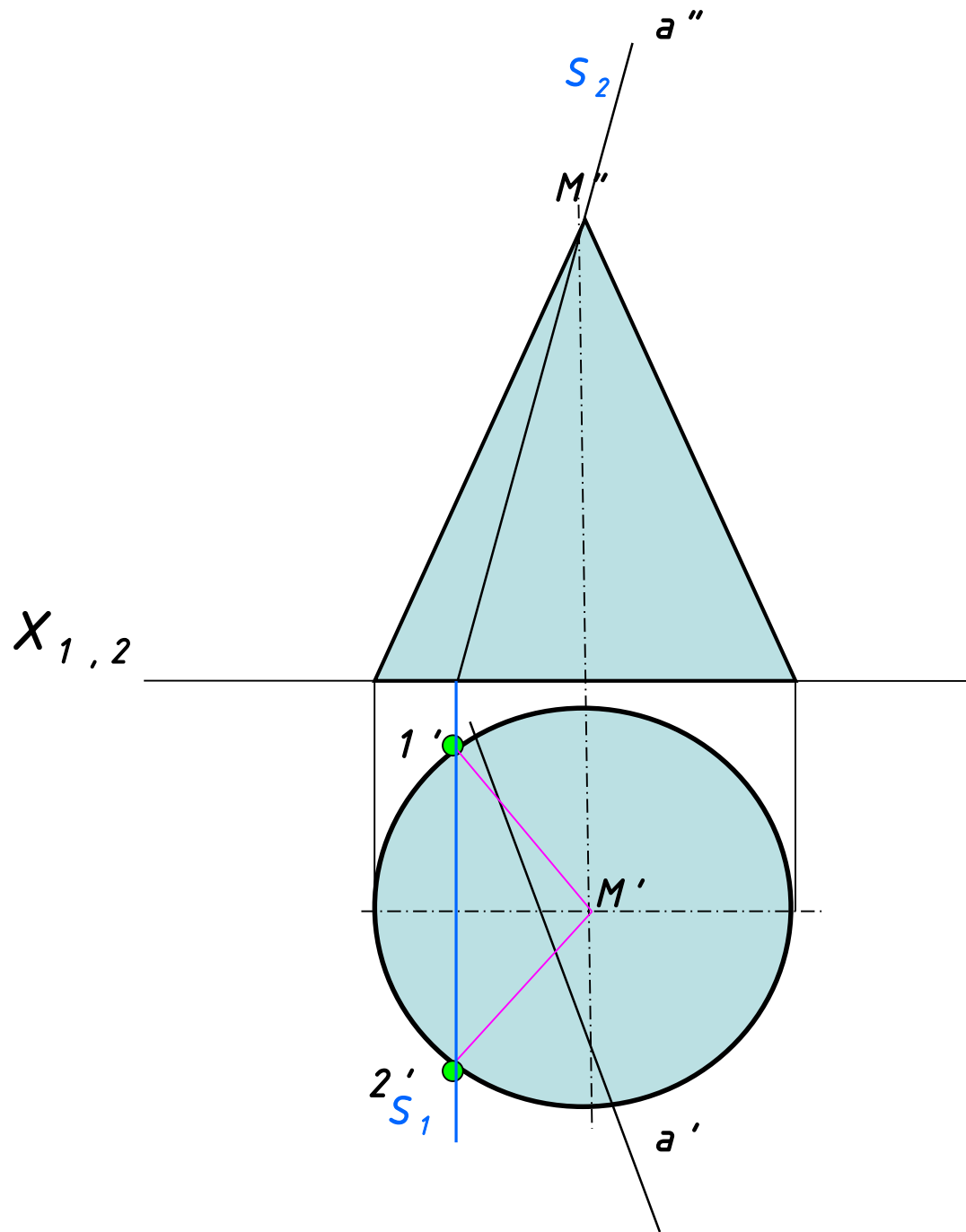
$X_{1,2}$

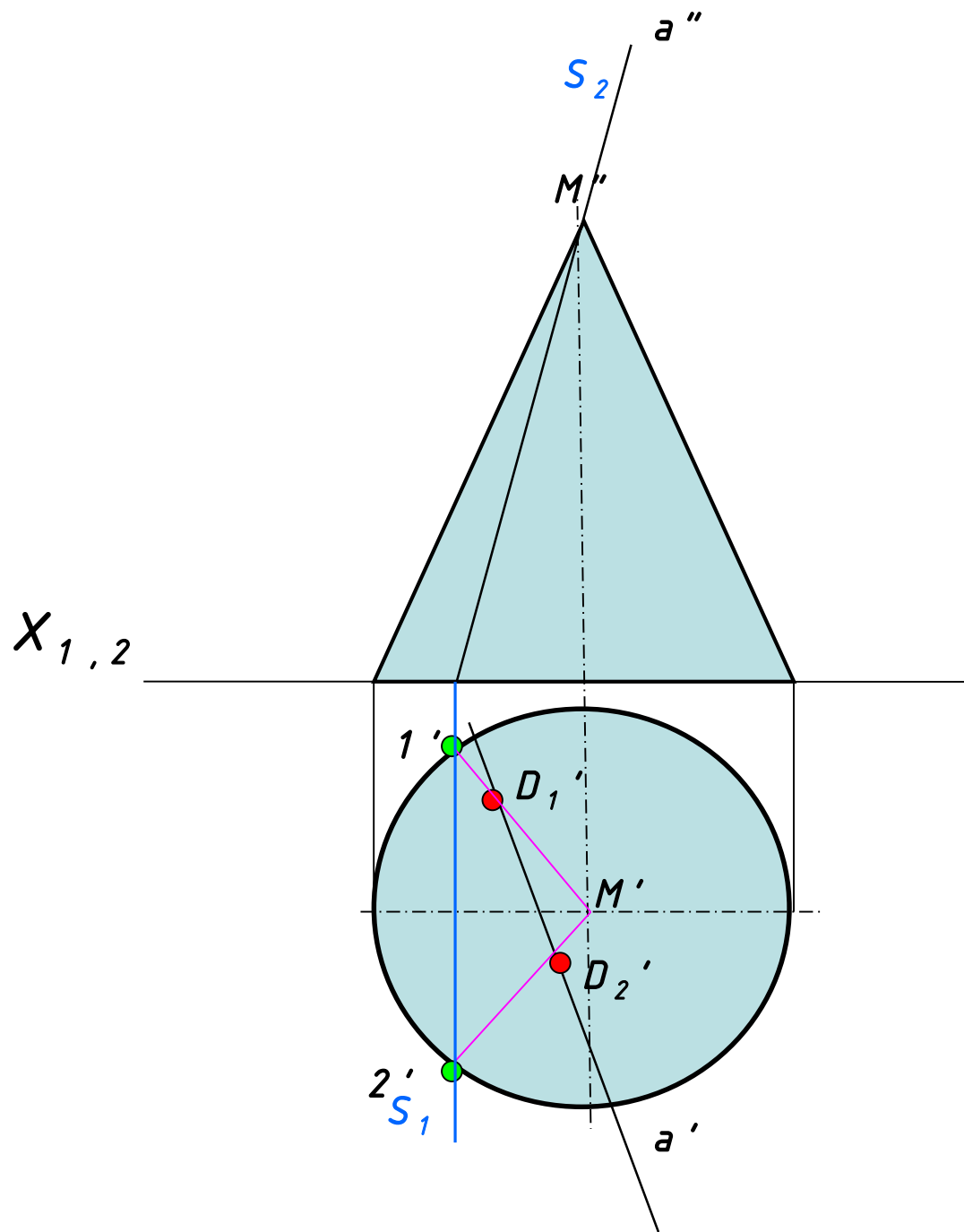
2 . v s

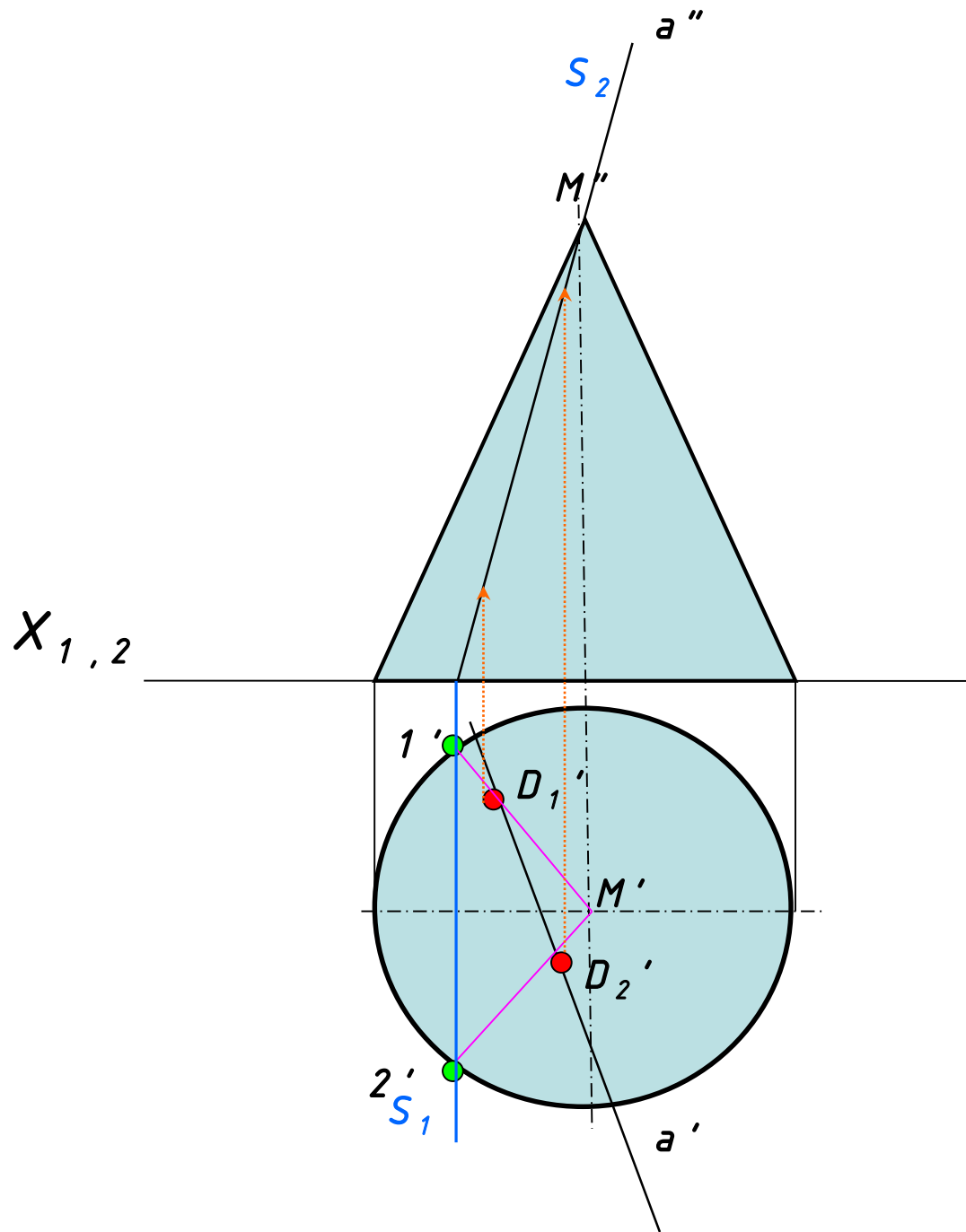


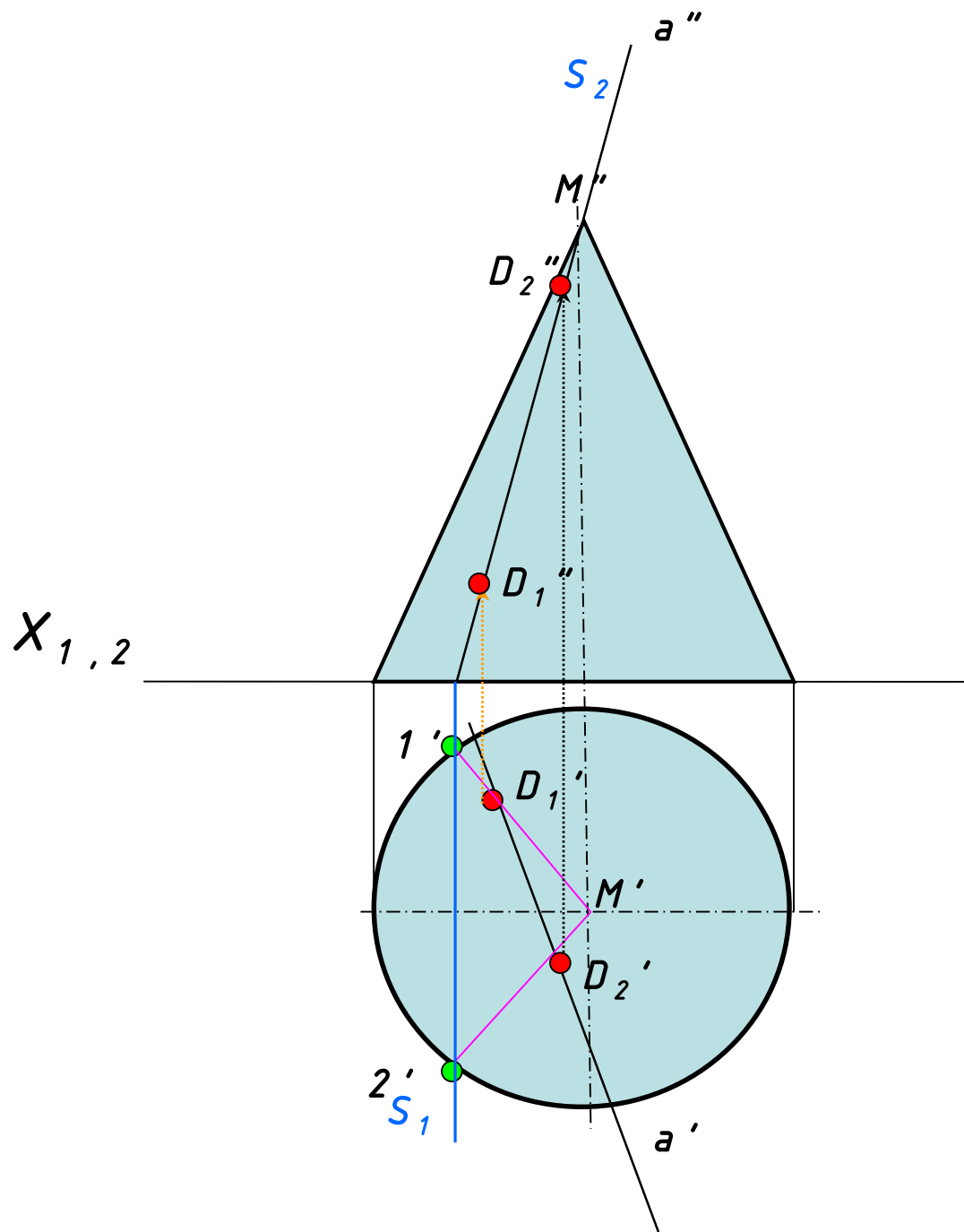


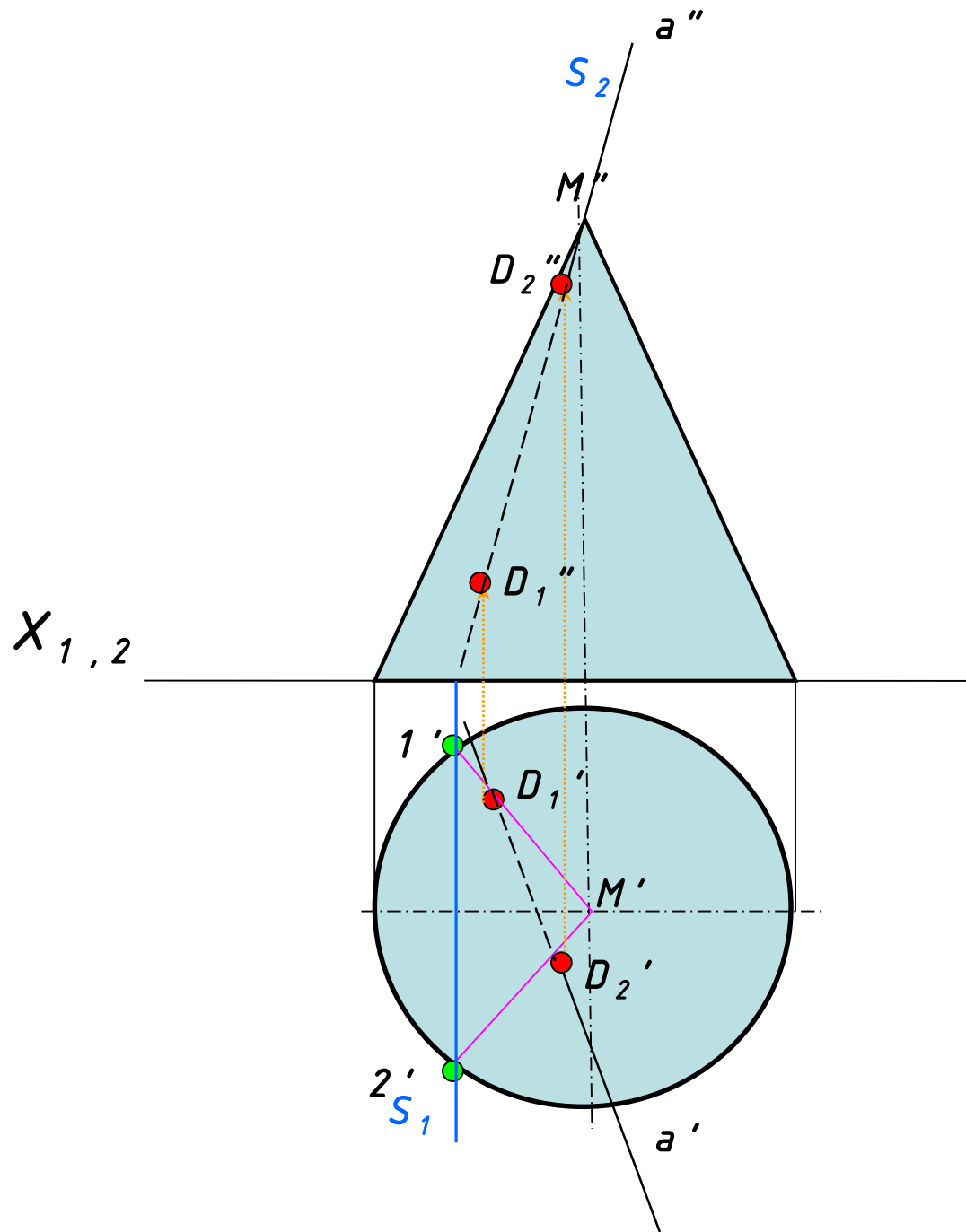










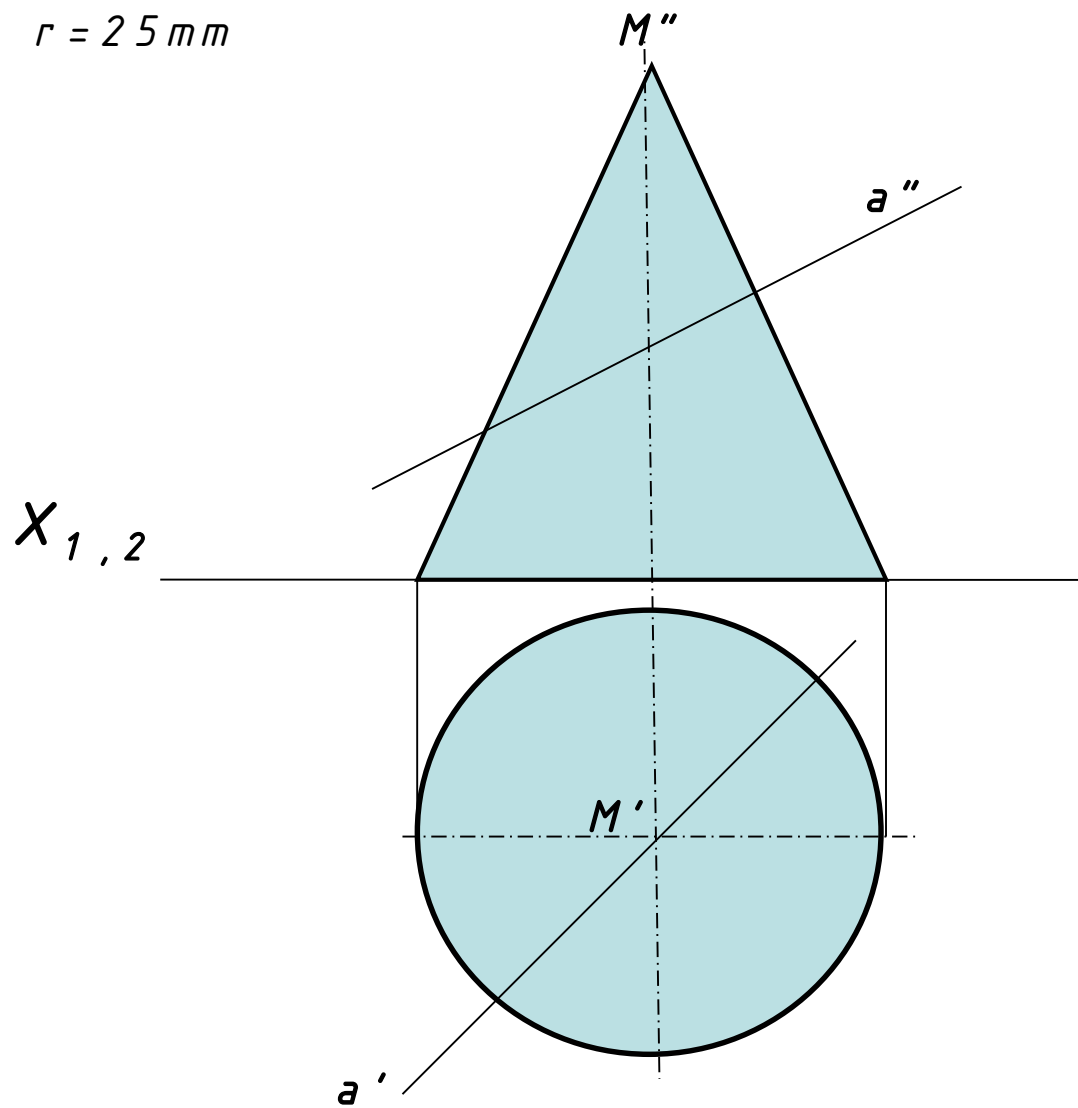


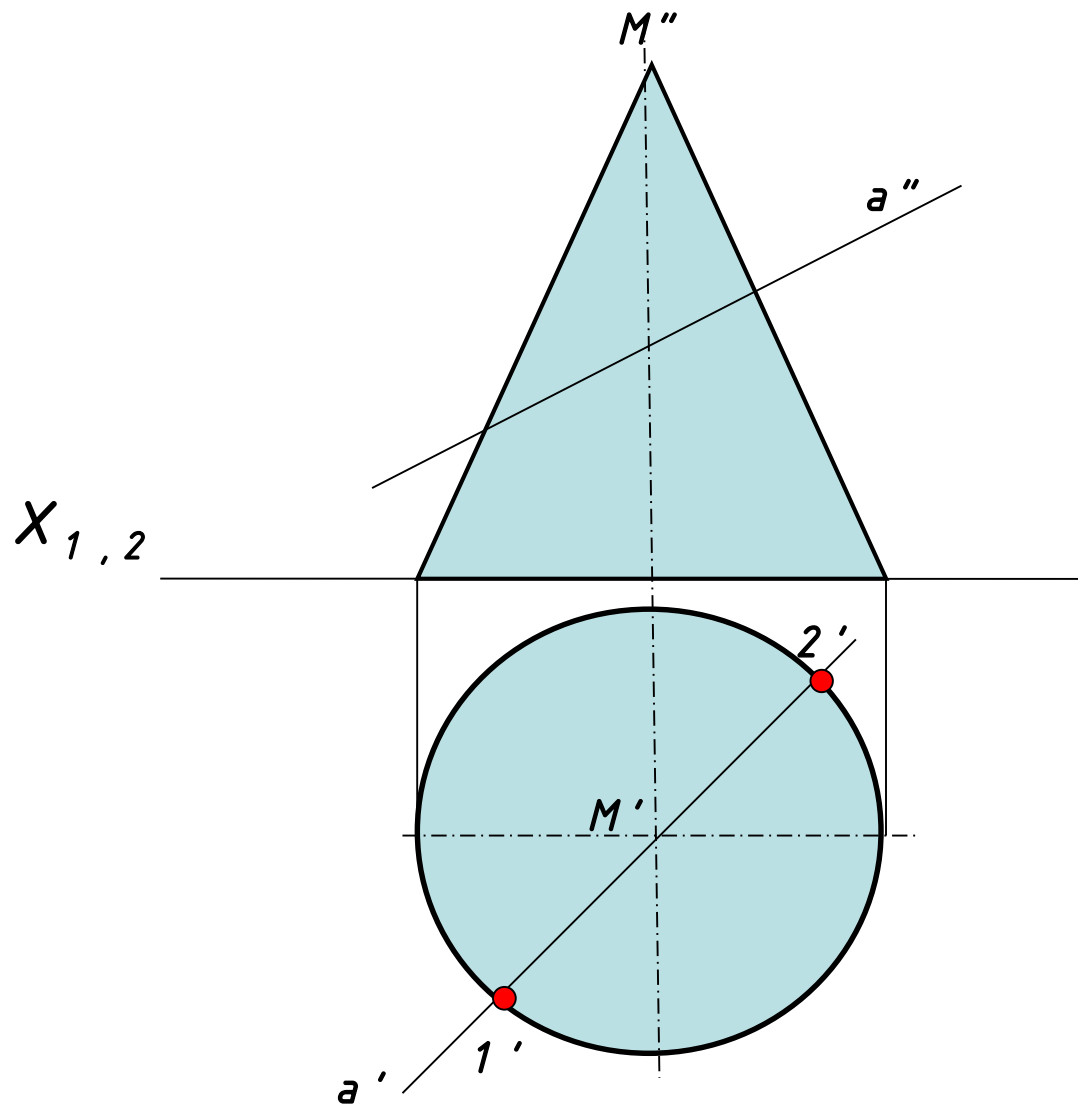
5.

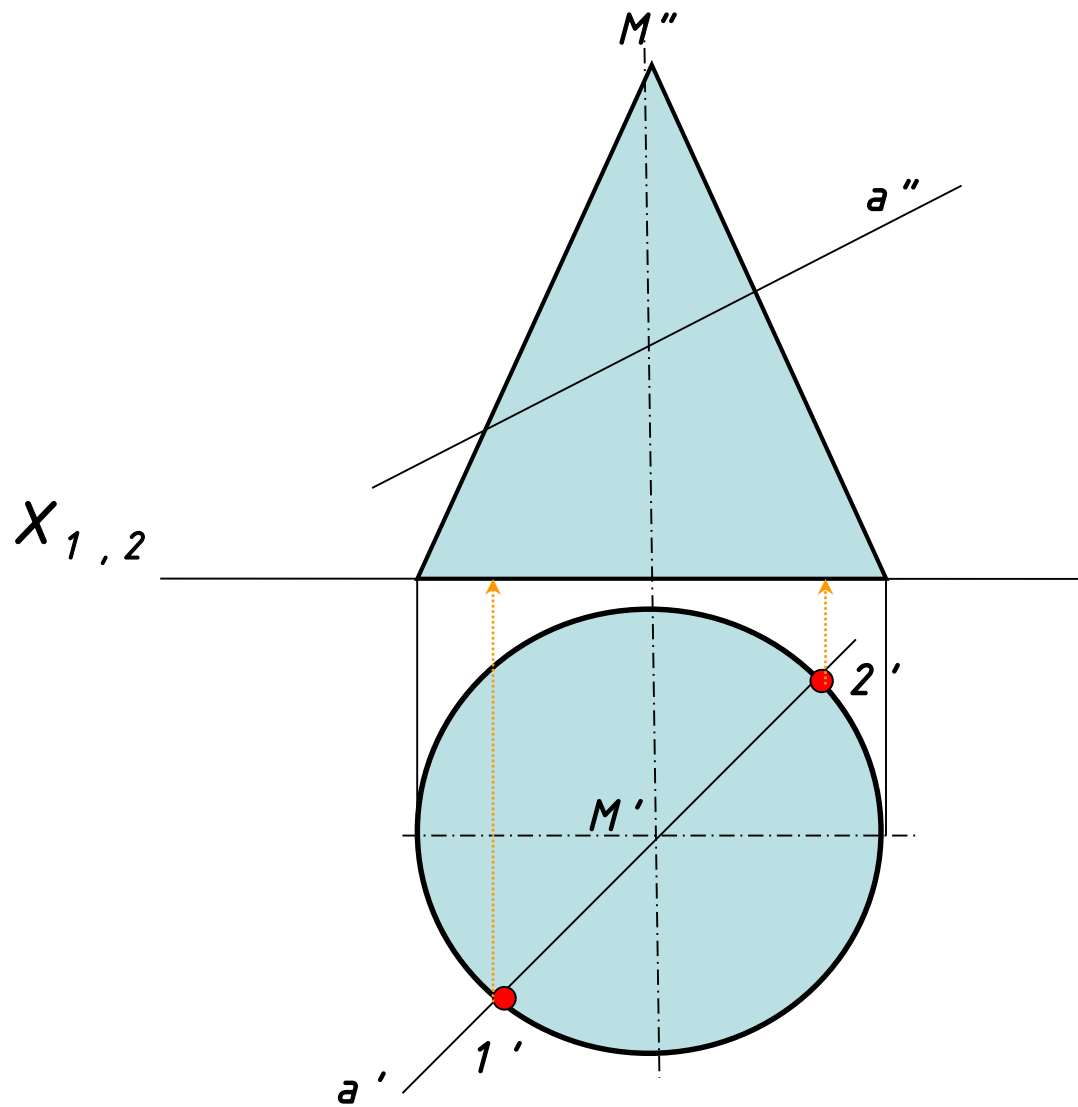
Esésvonal vagy 1.vs

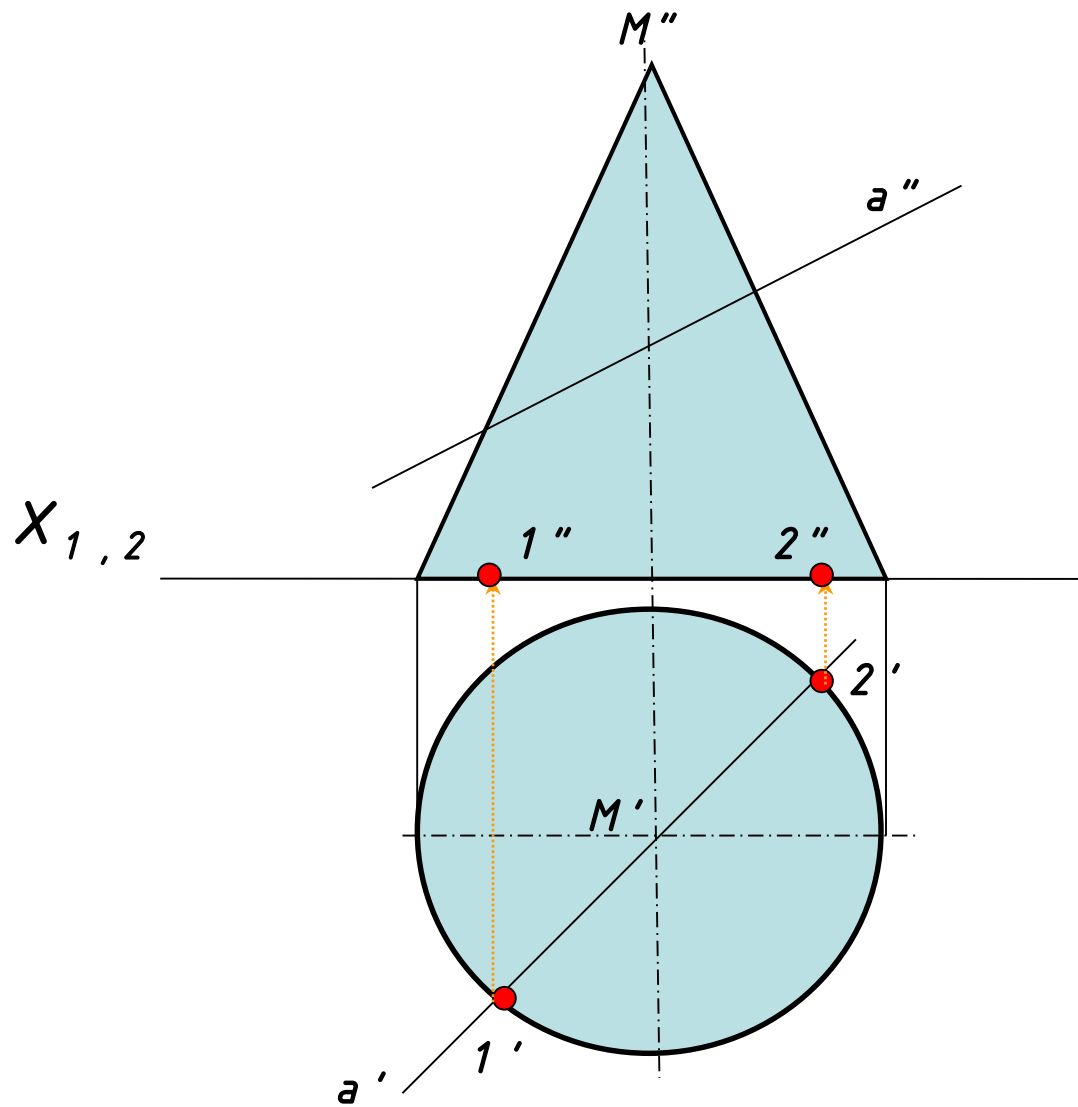
$$h = 60$$

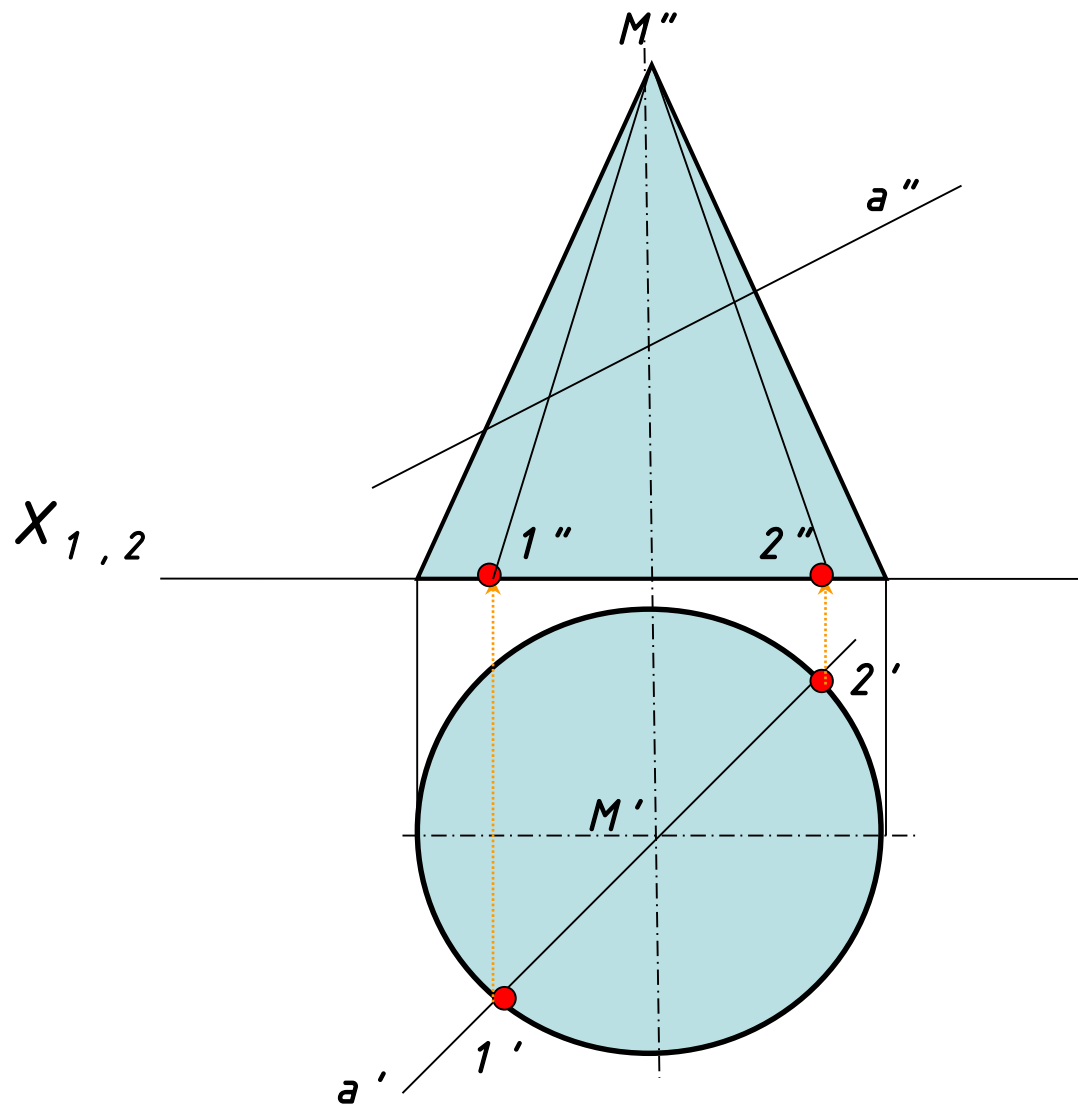
$$r = 25\text{ mm}$$

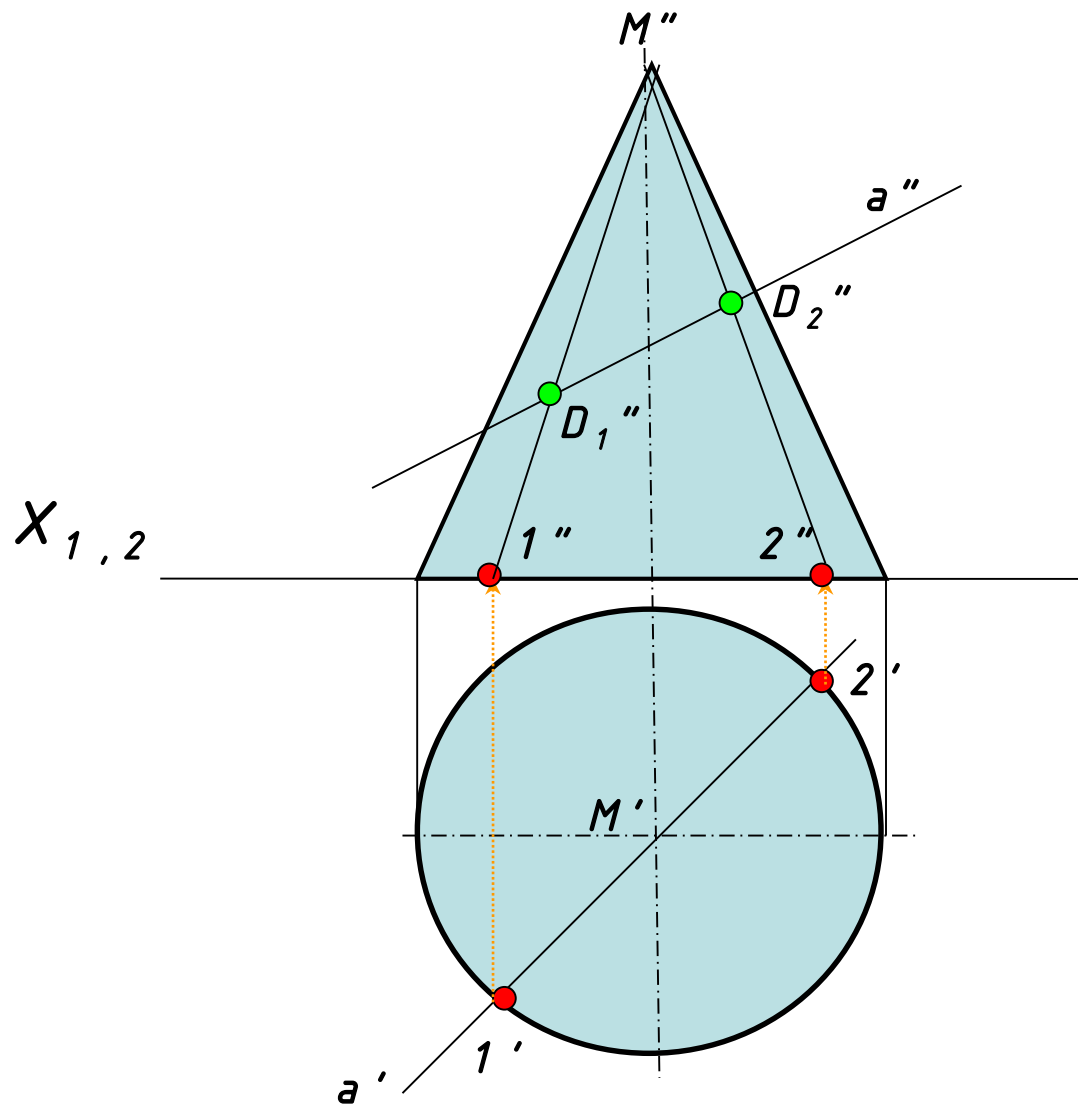


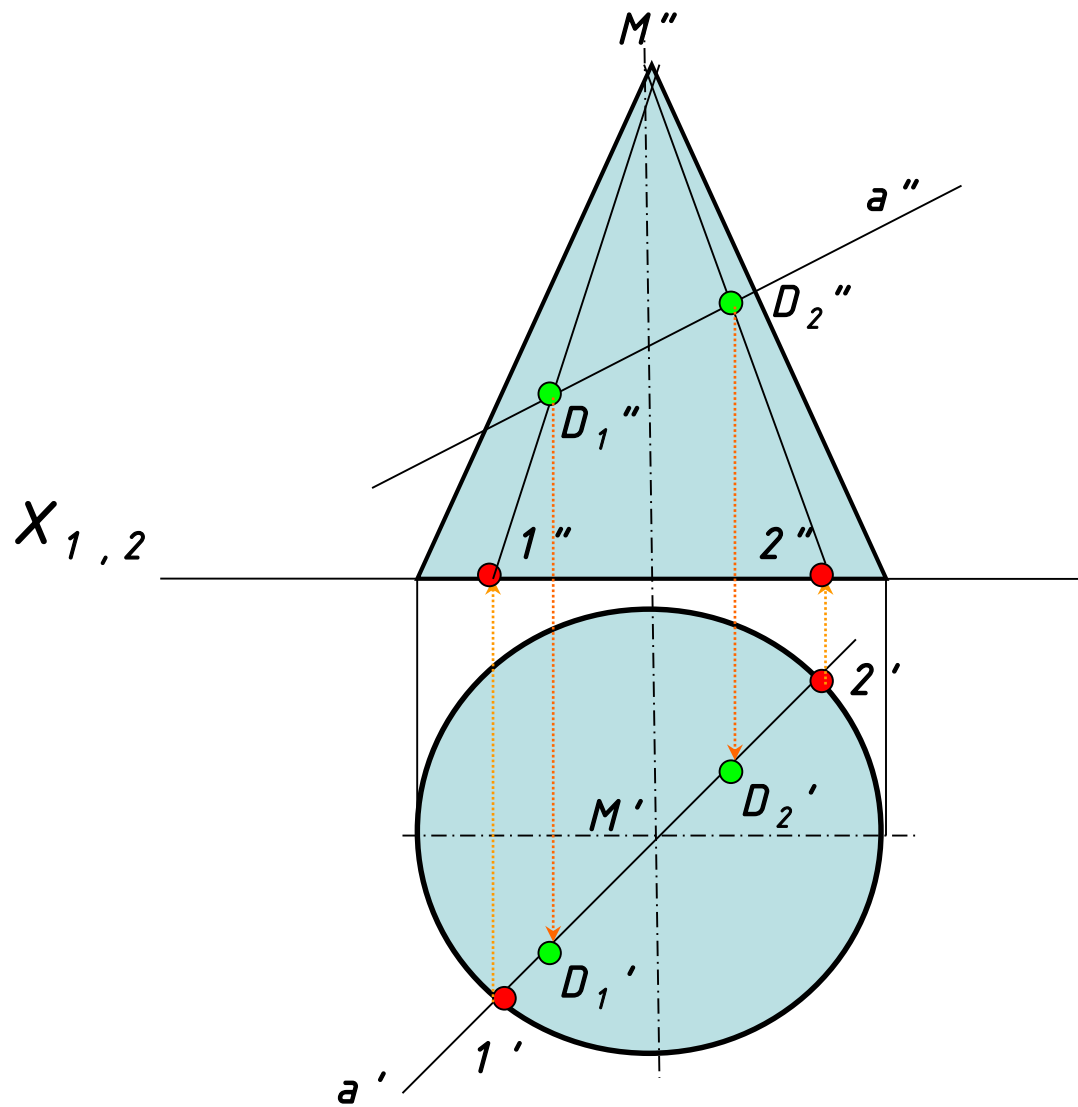


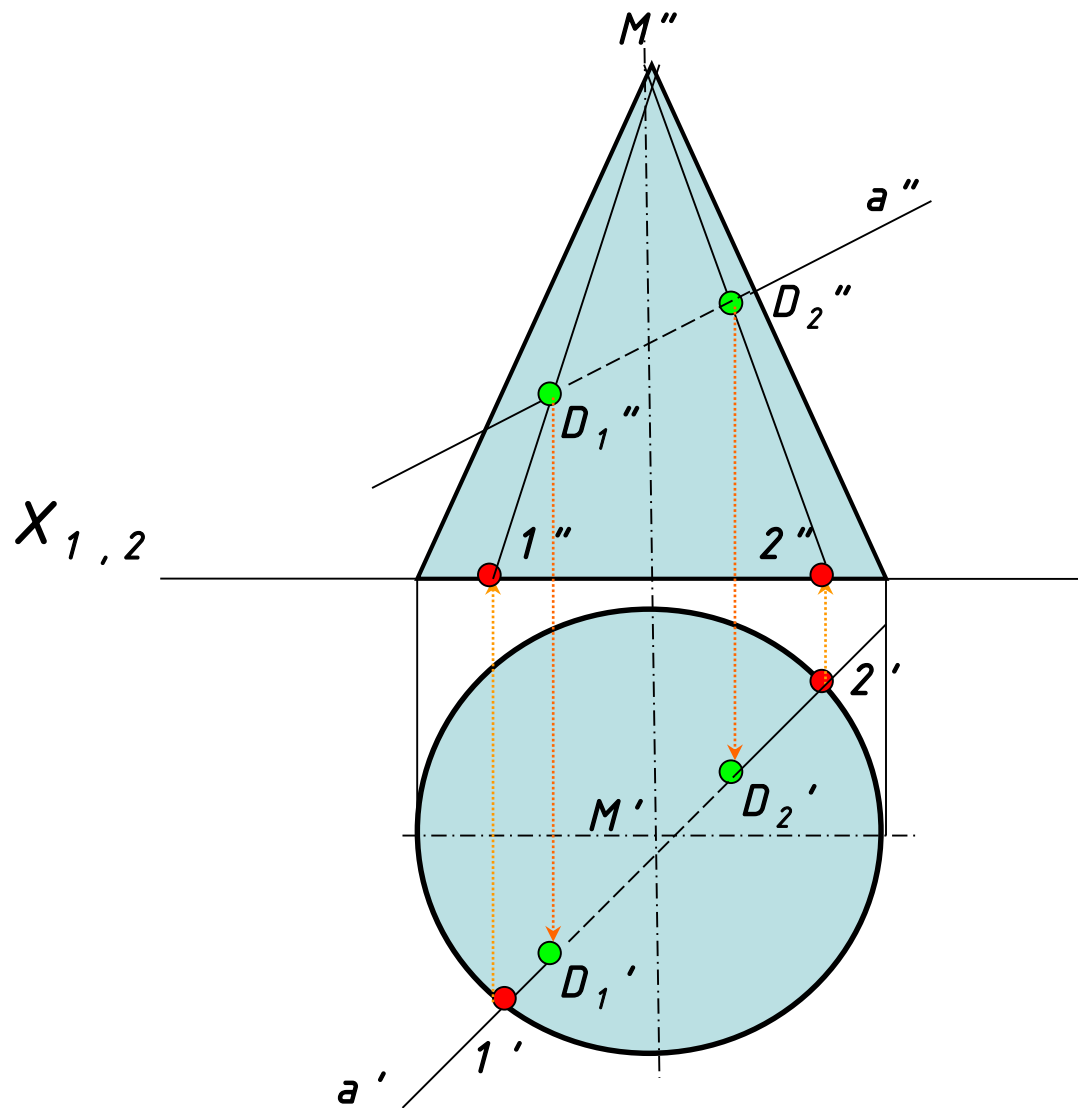












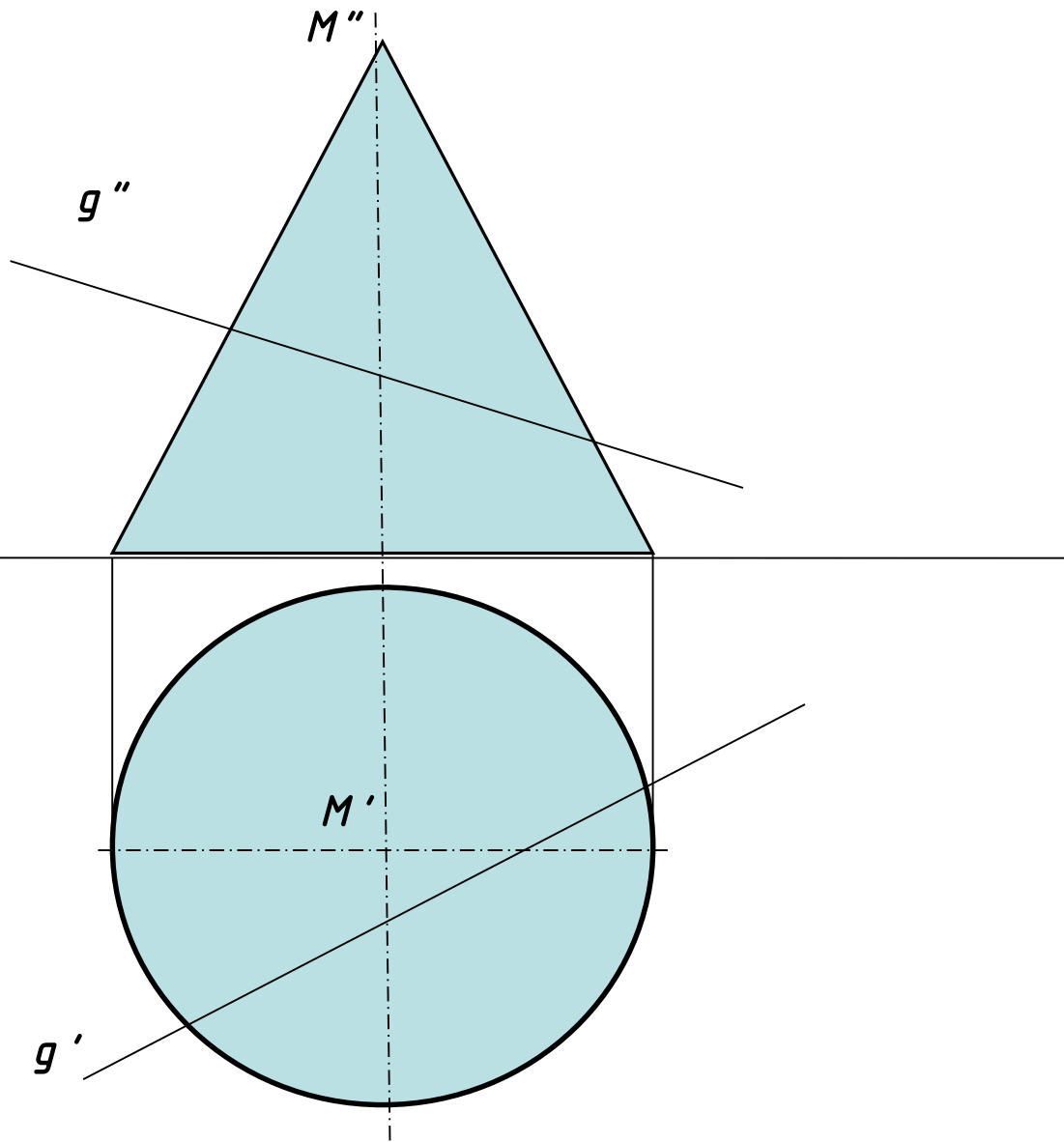
6.

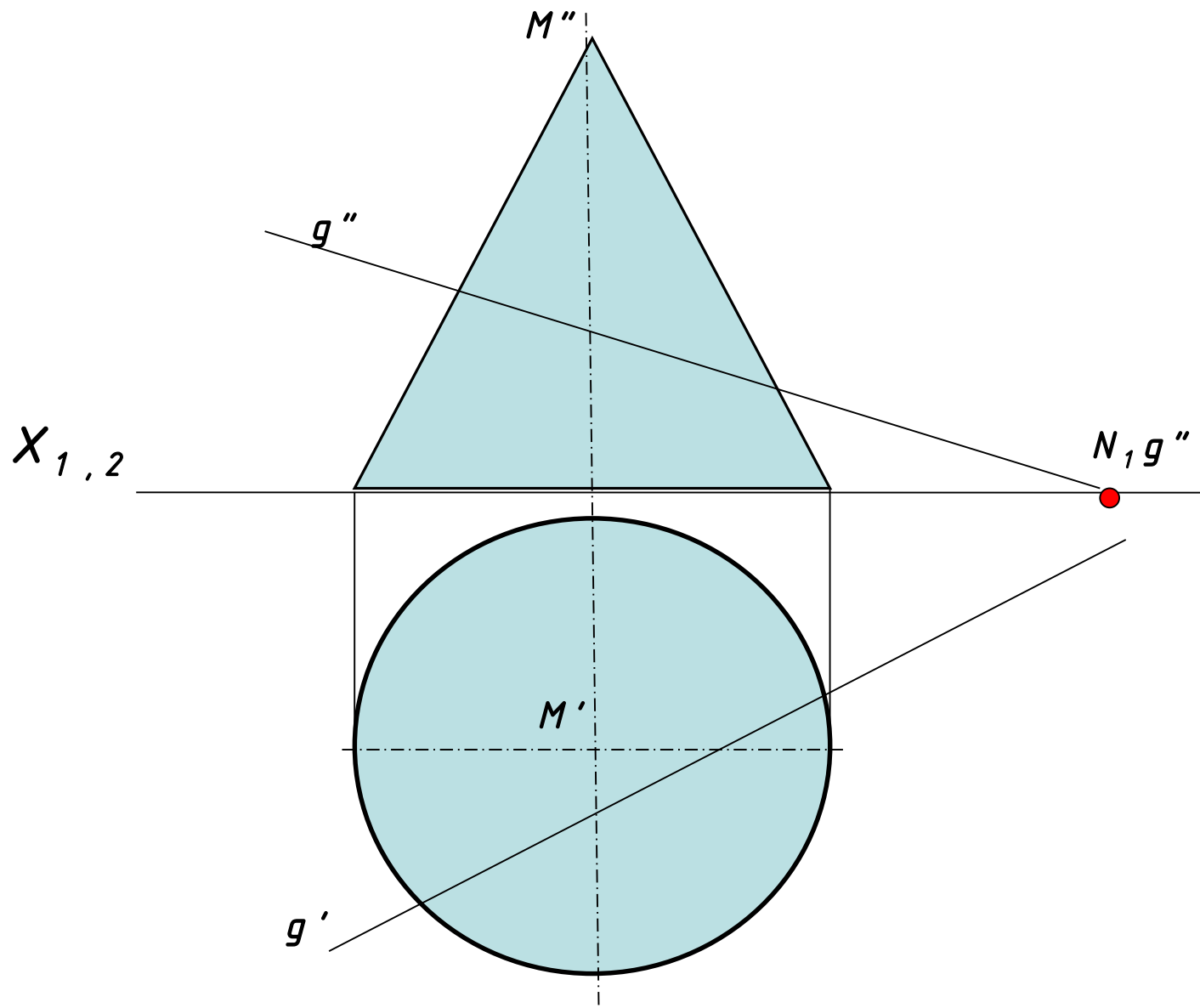
segédegyenes és segédsík

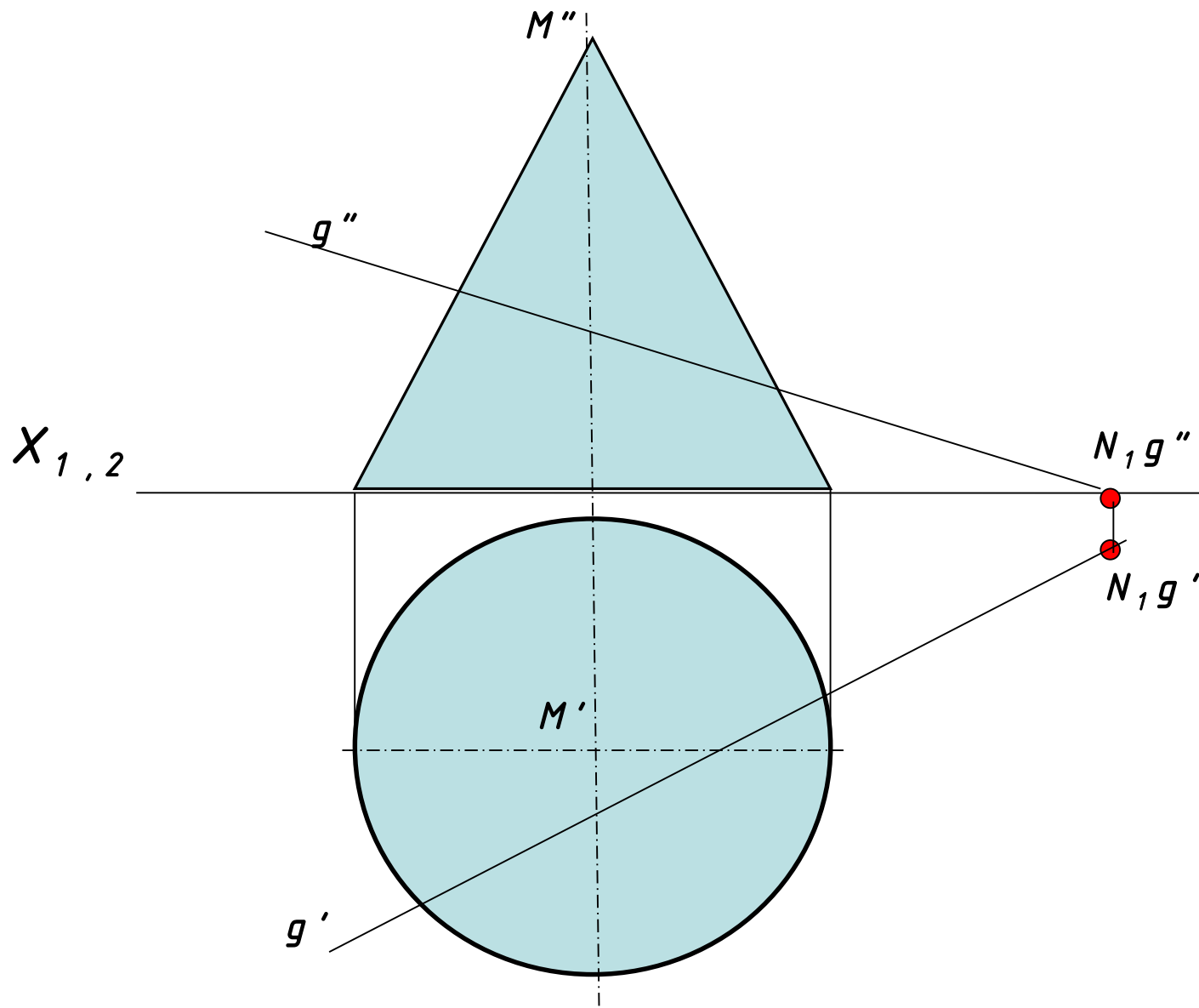
$$h = 60$$

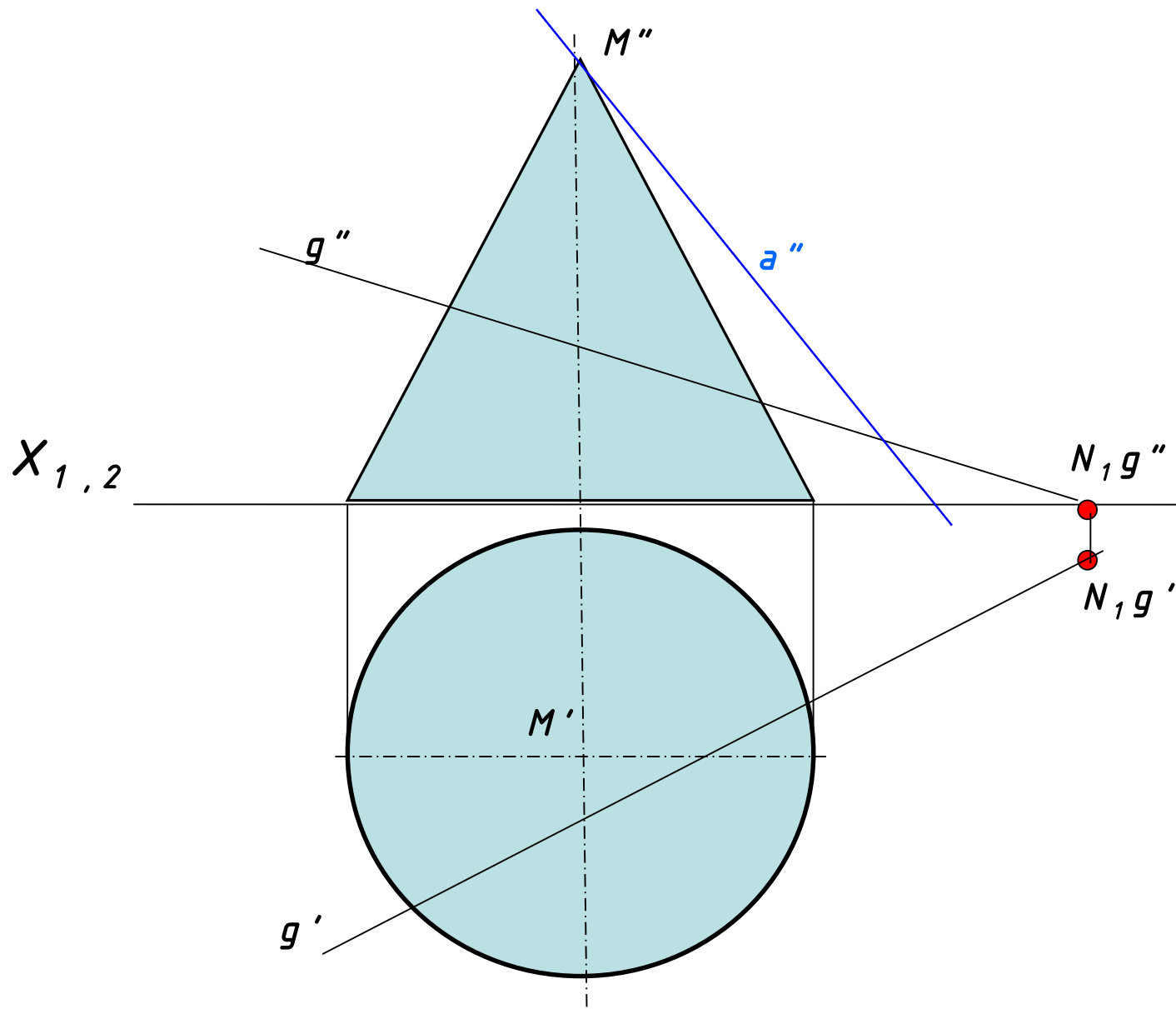
$$r = 25\text{ mm}$$

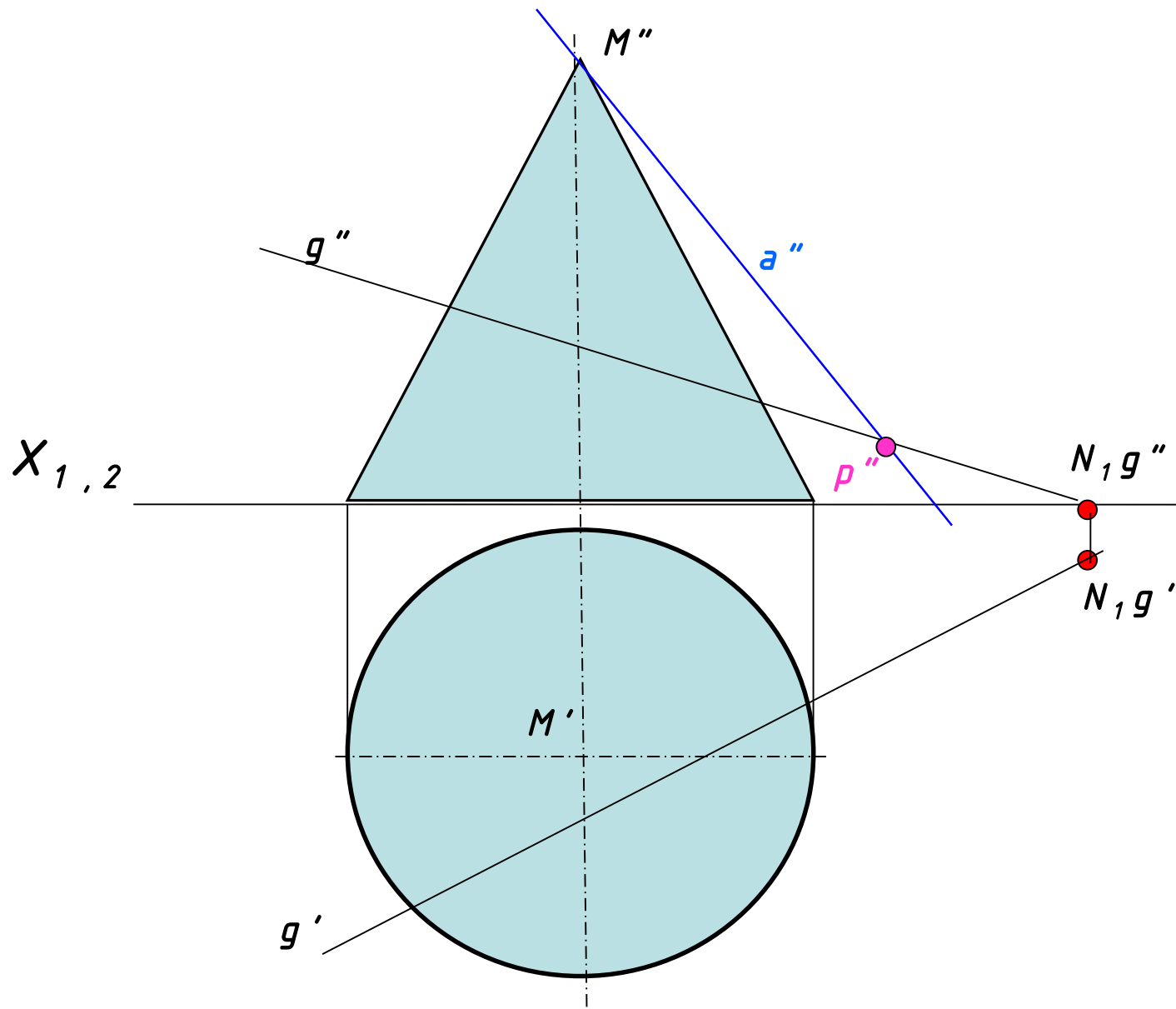
$X_{1,2}$

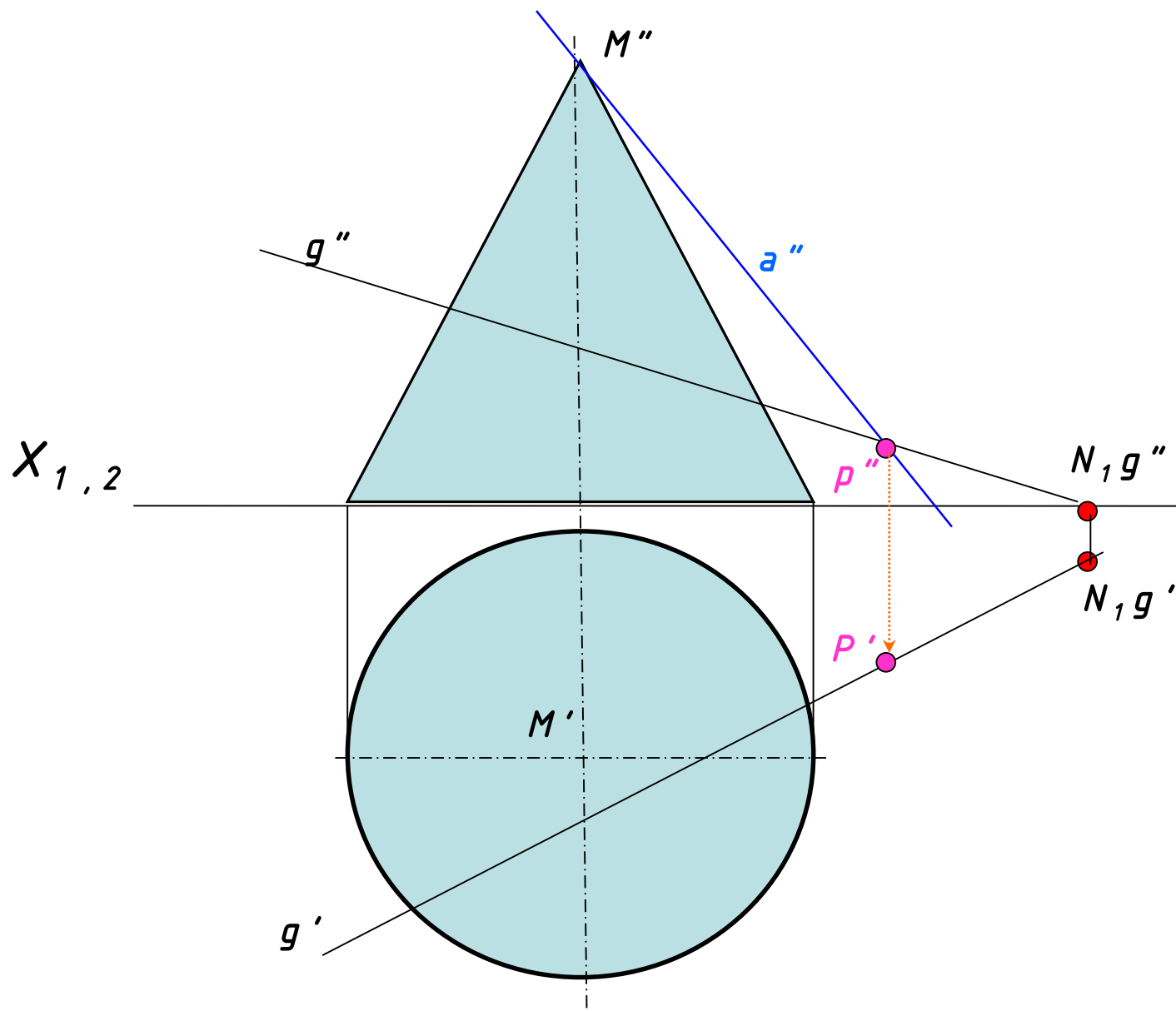


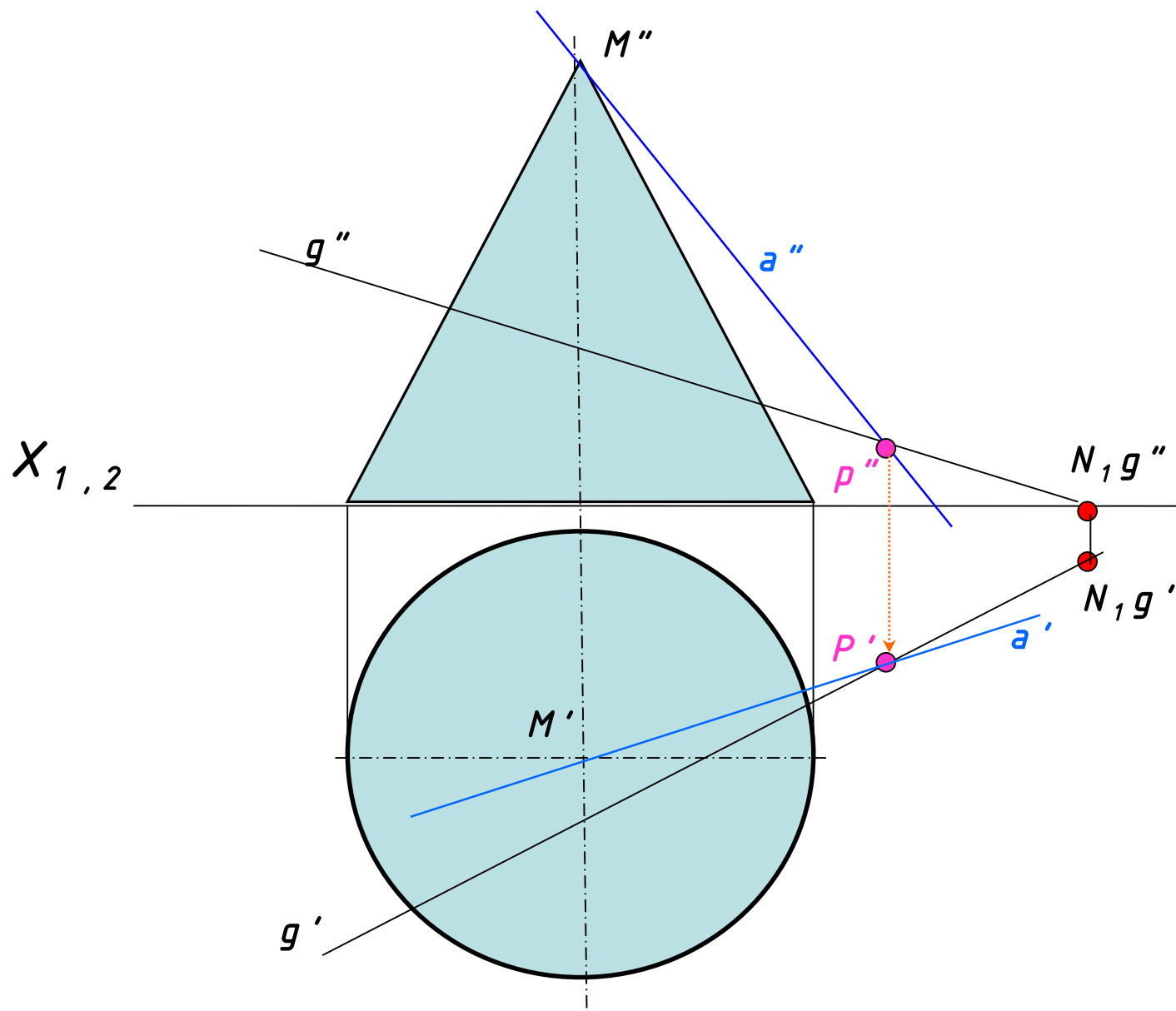


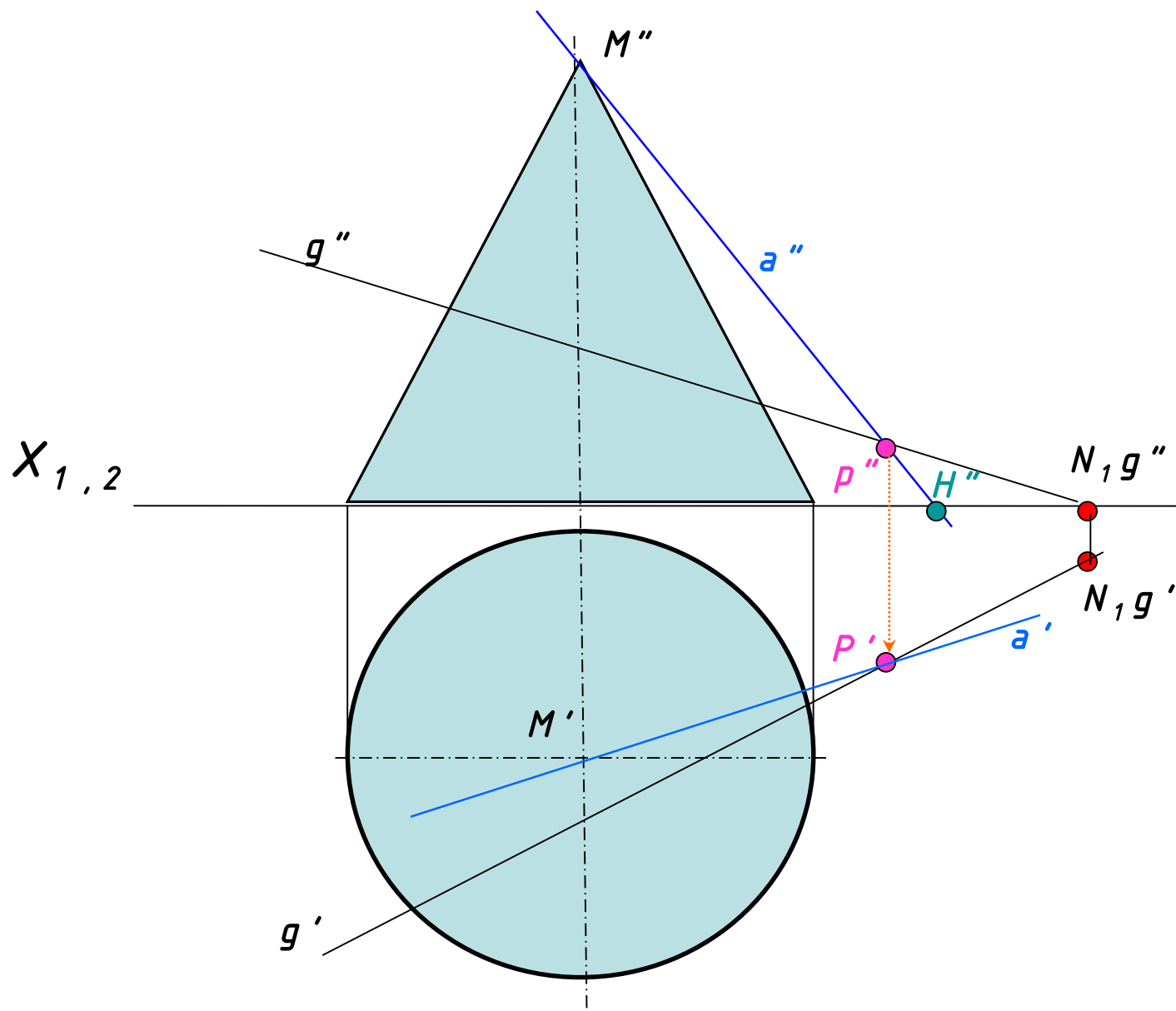


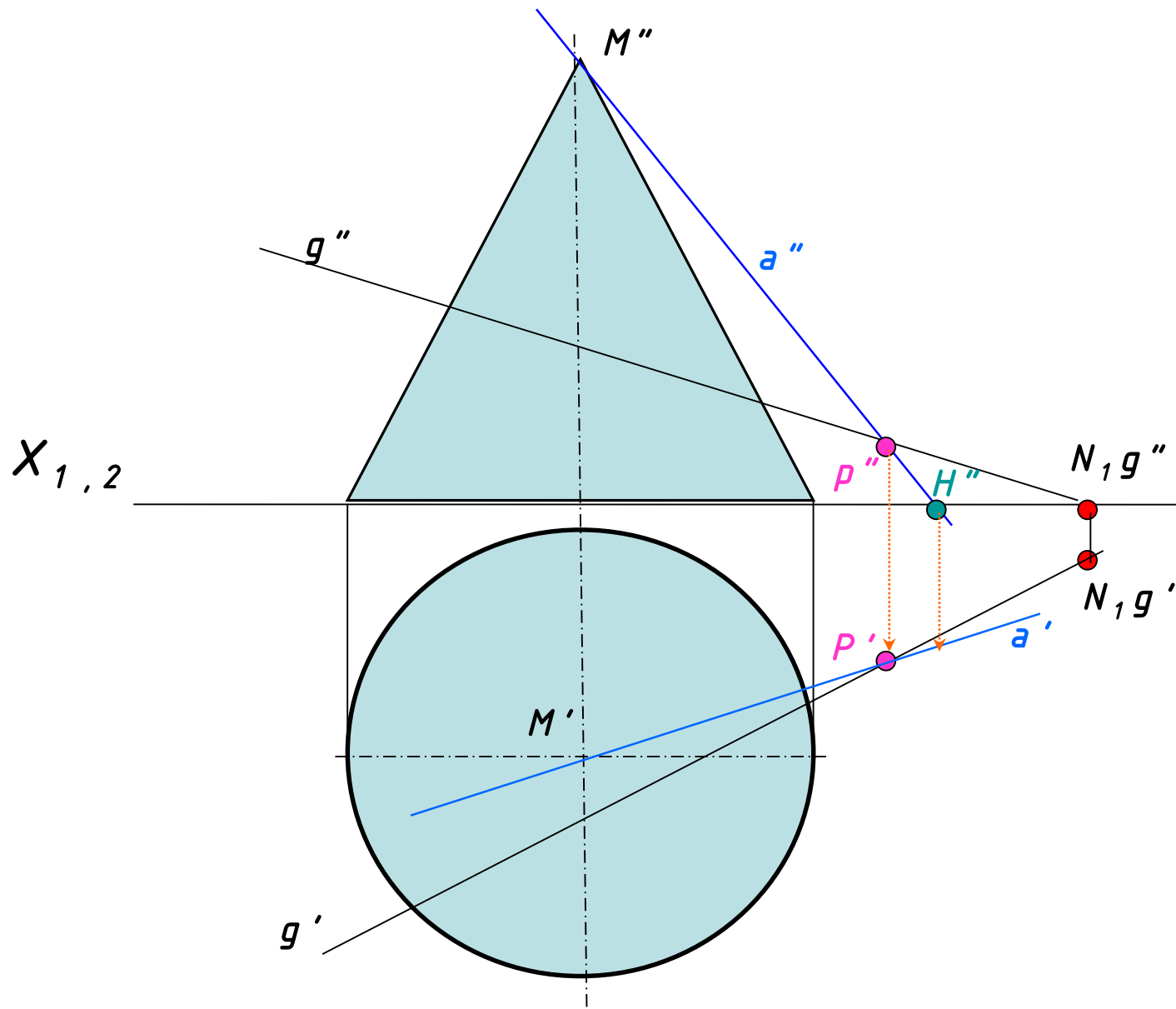


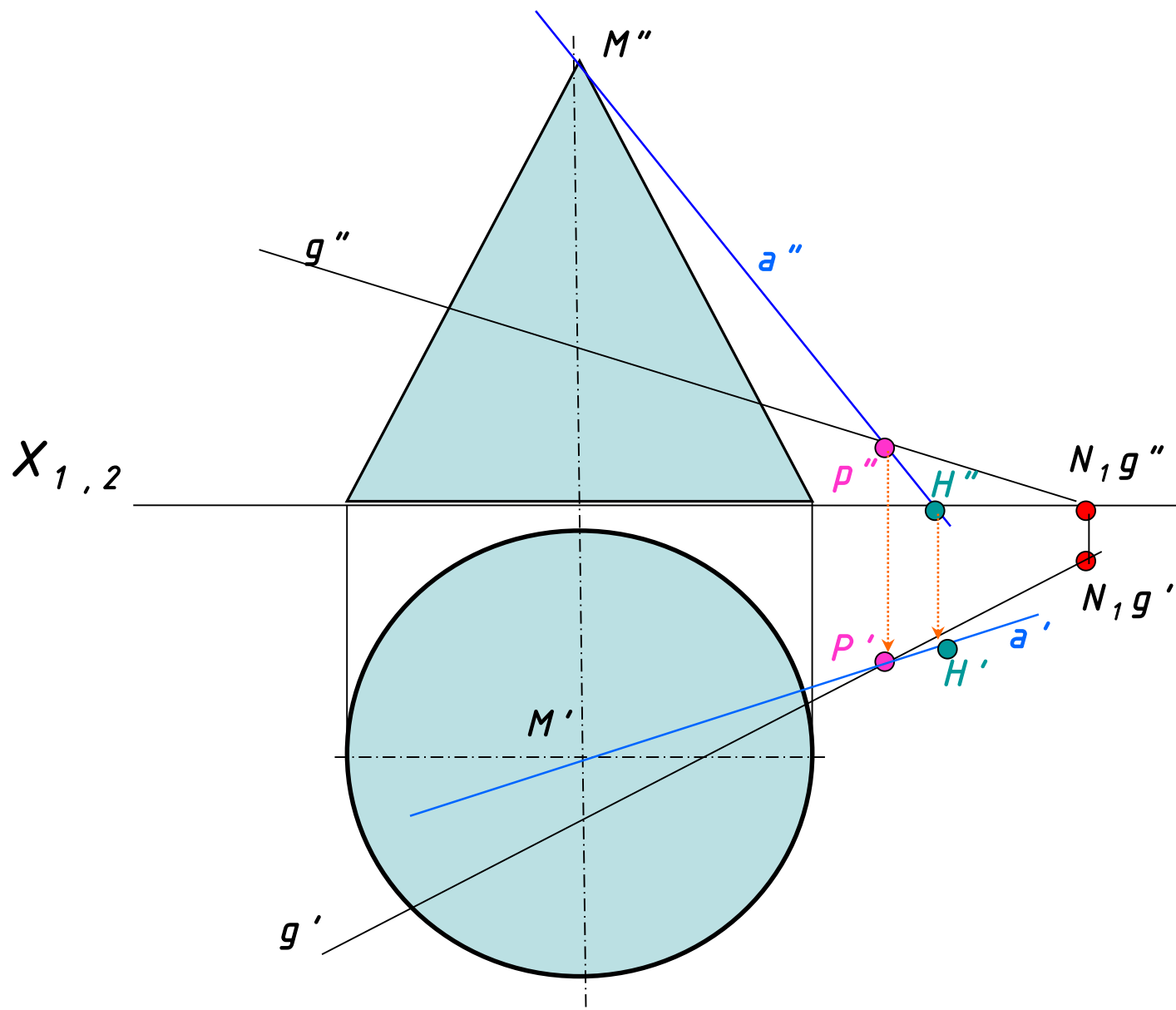


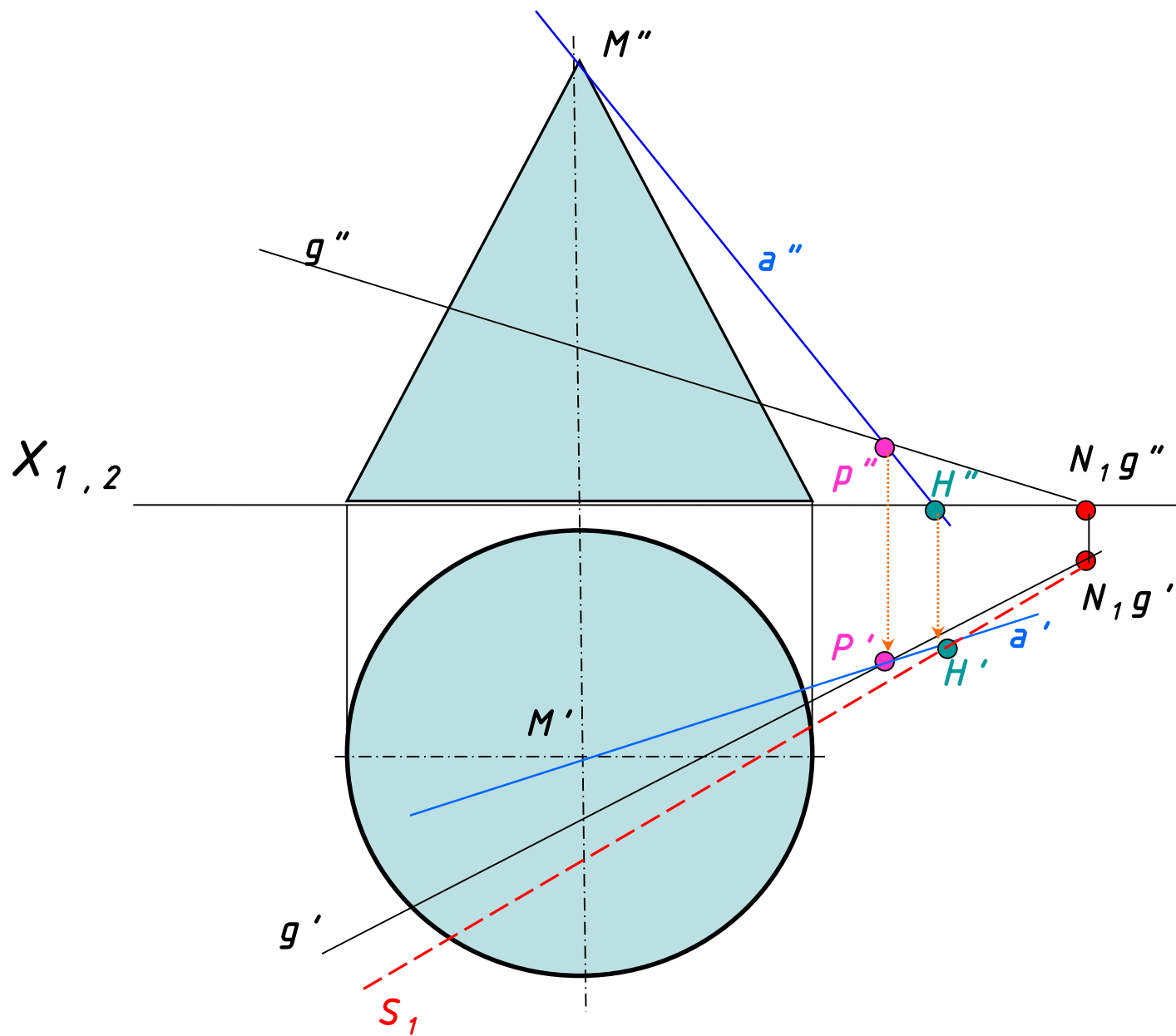


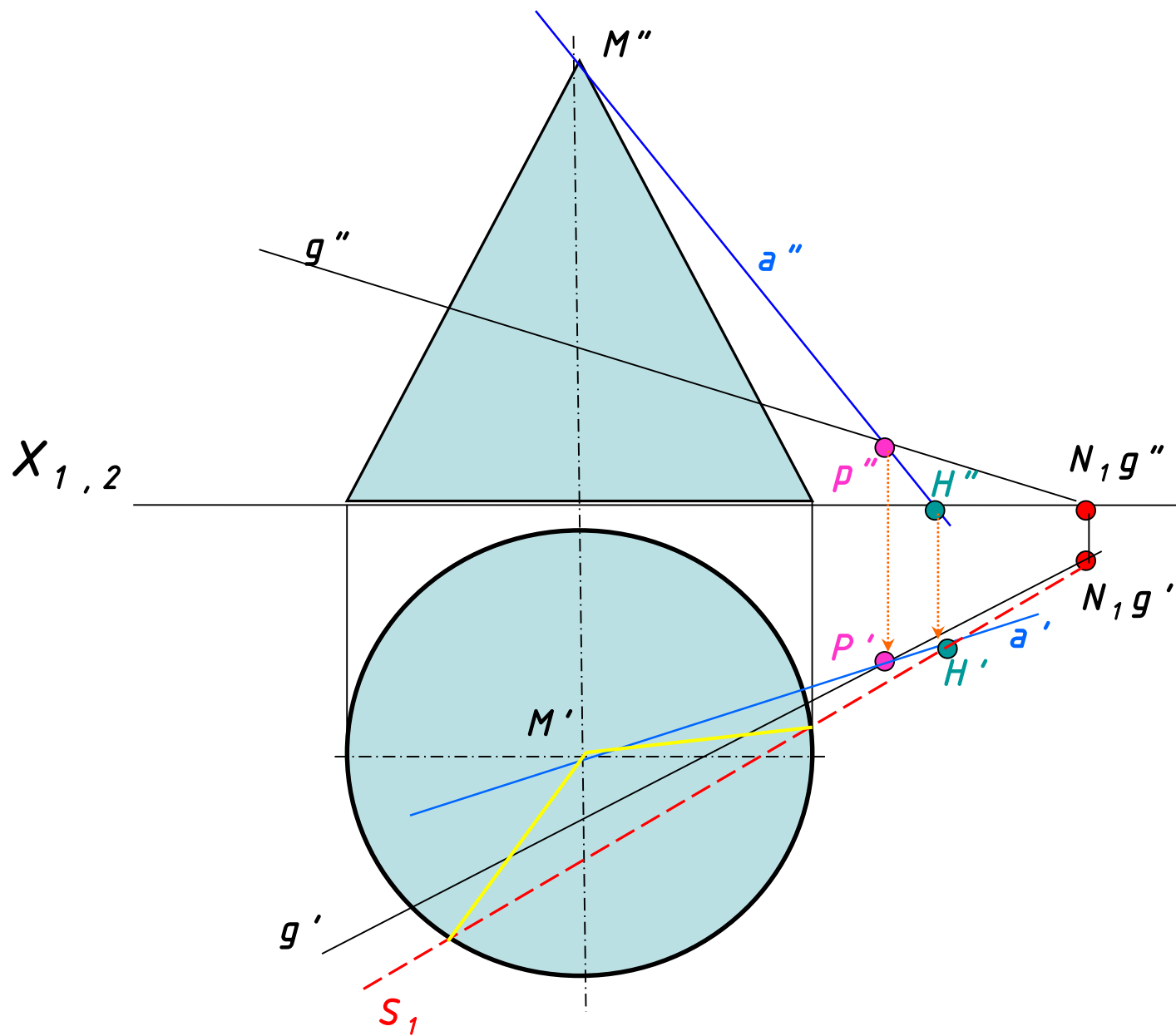


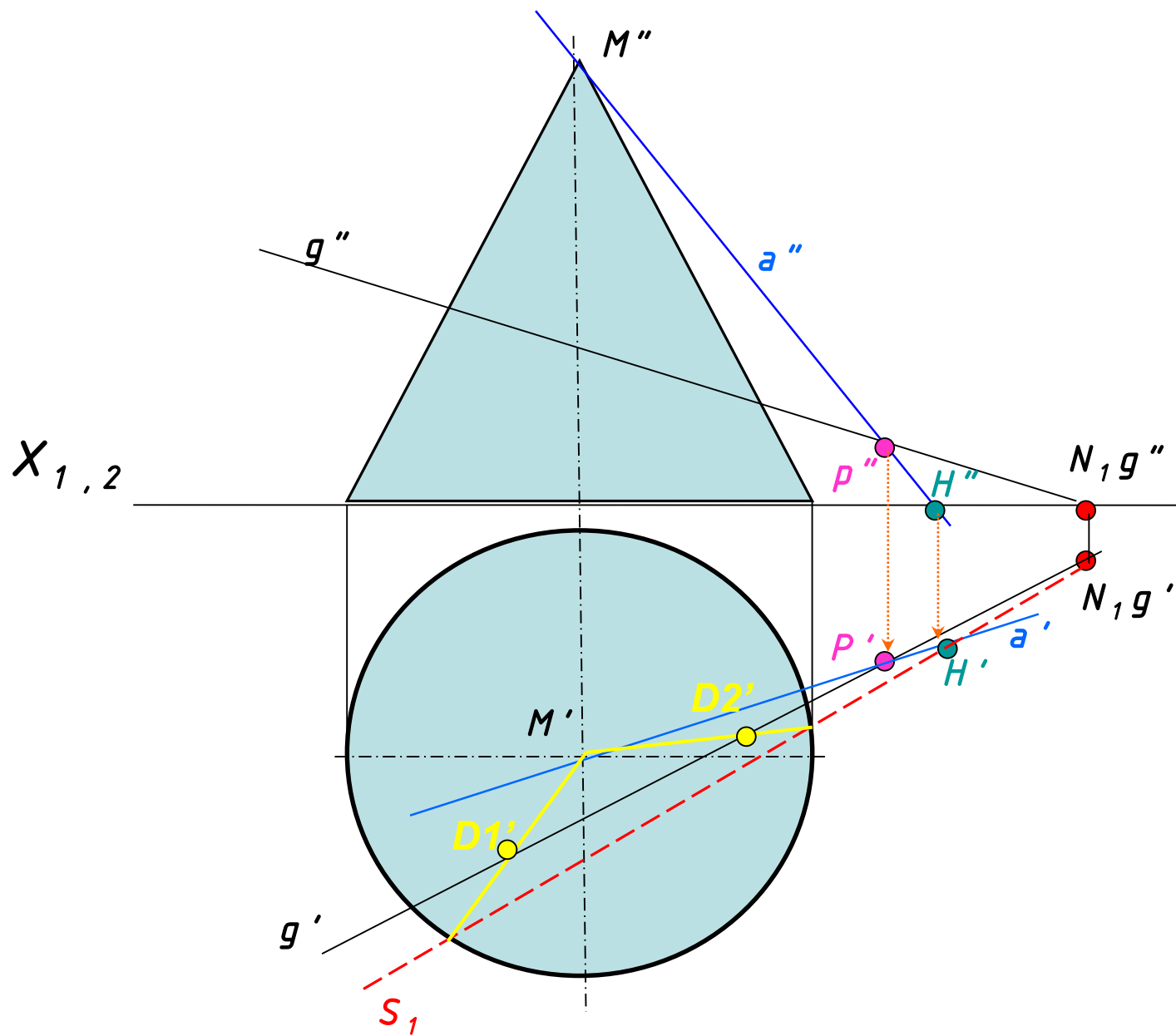


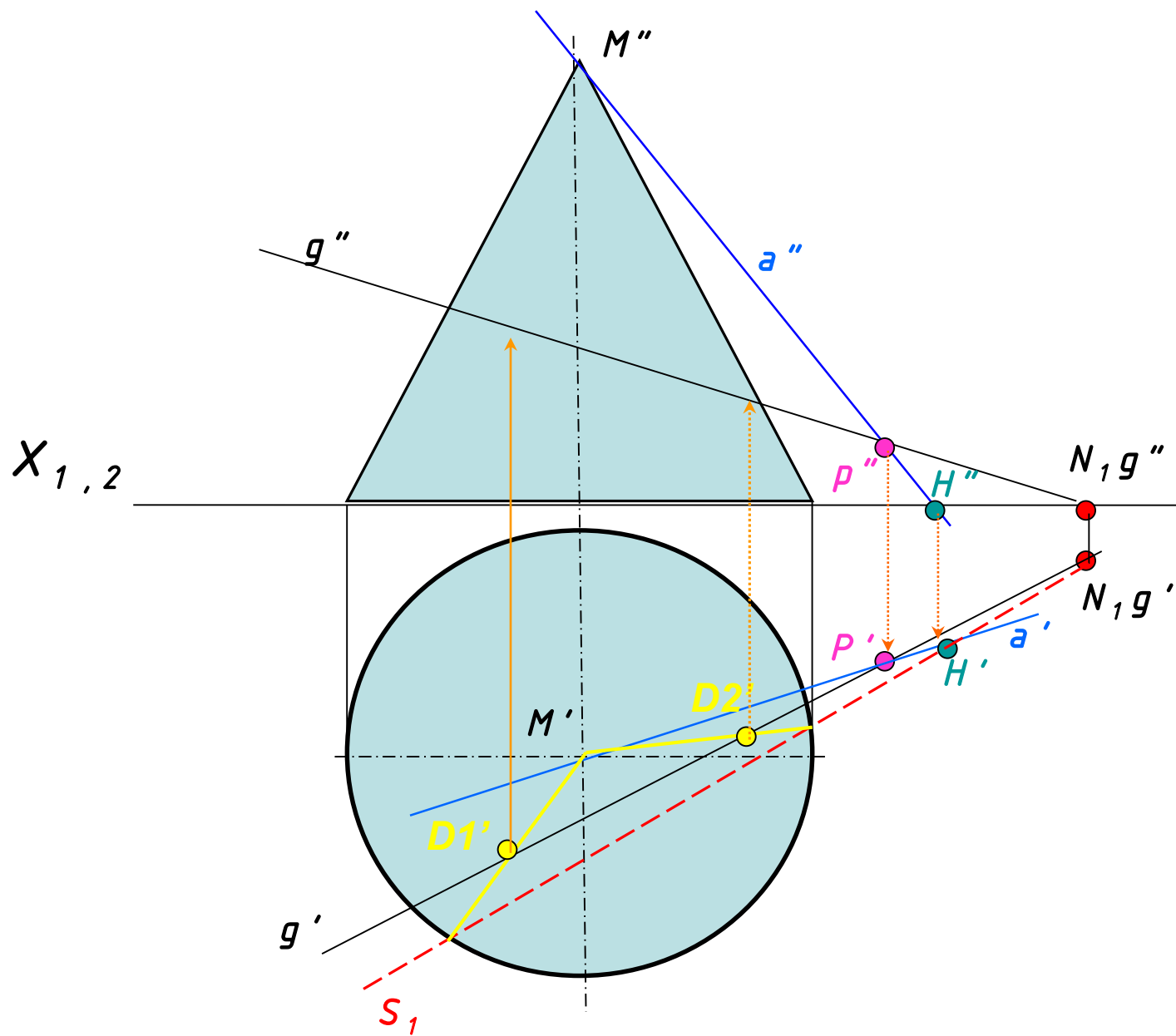


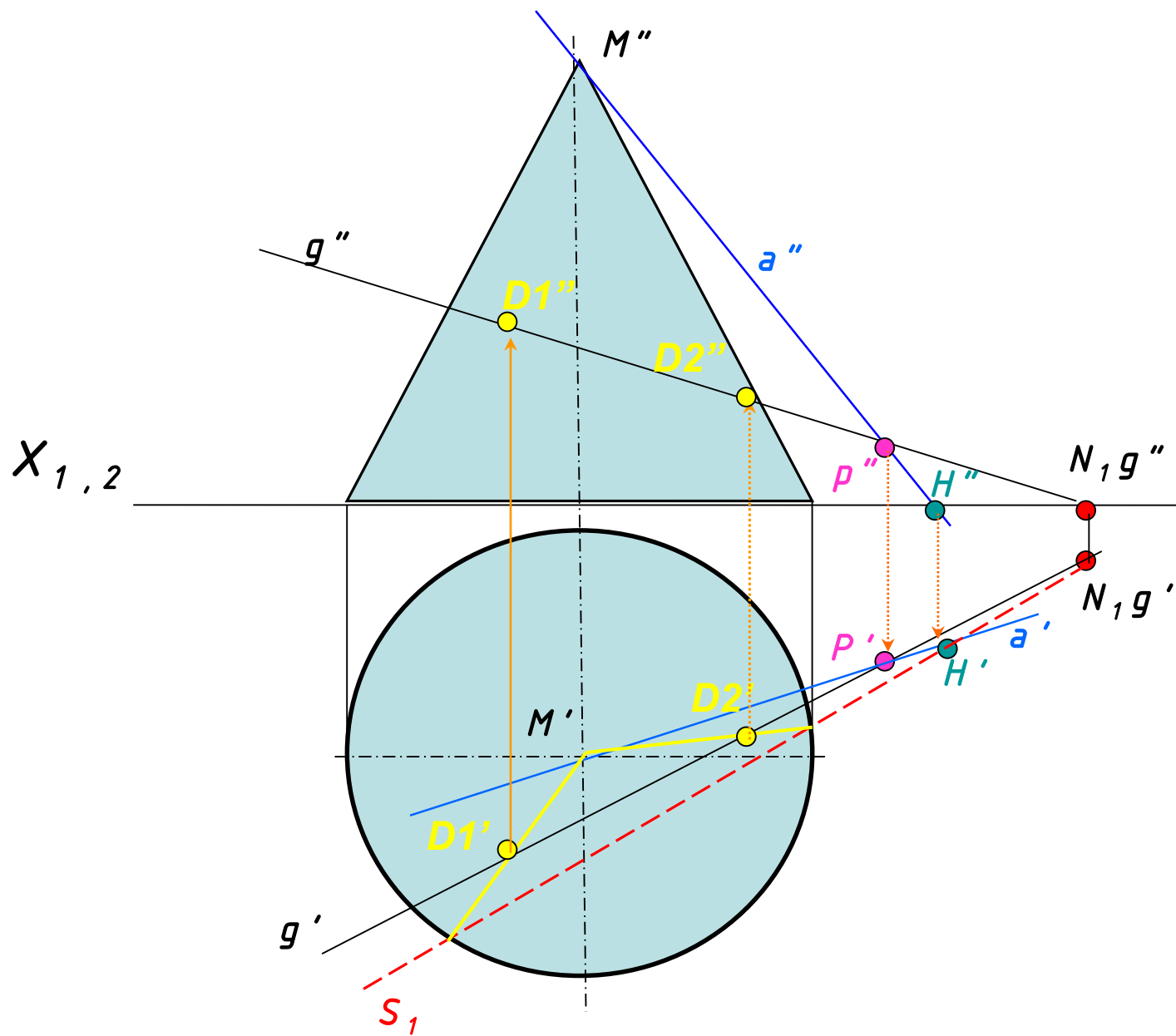


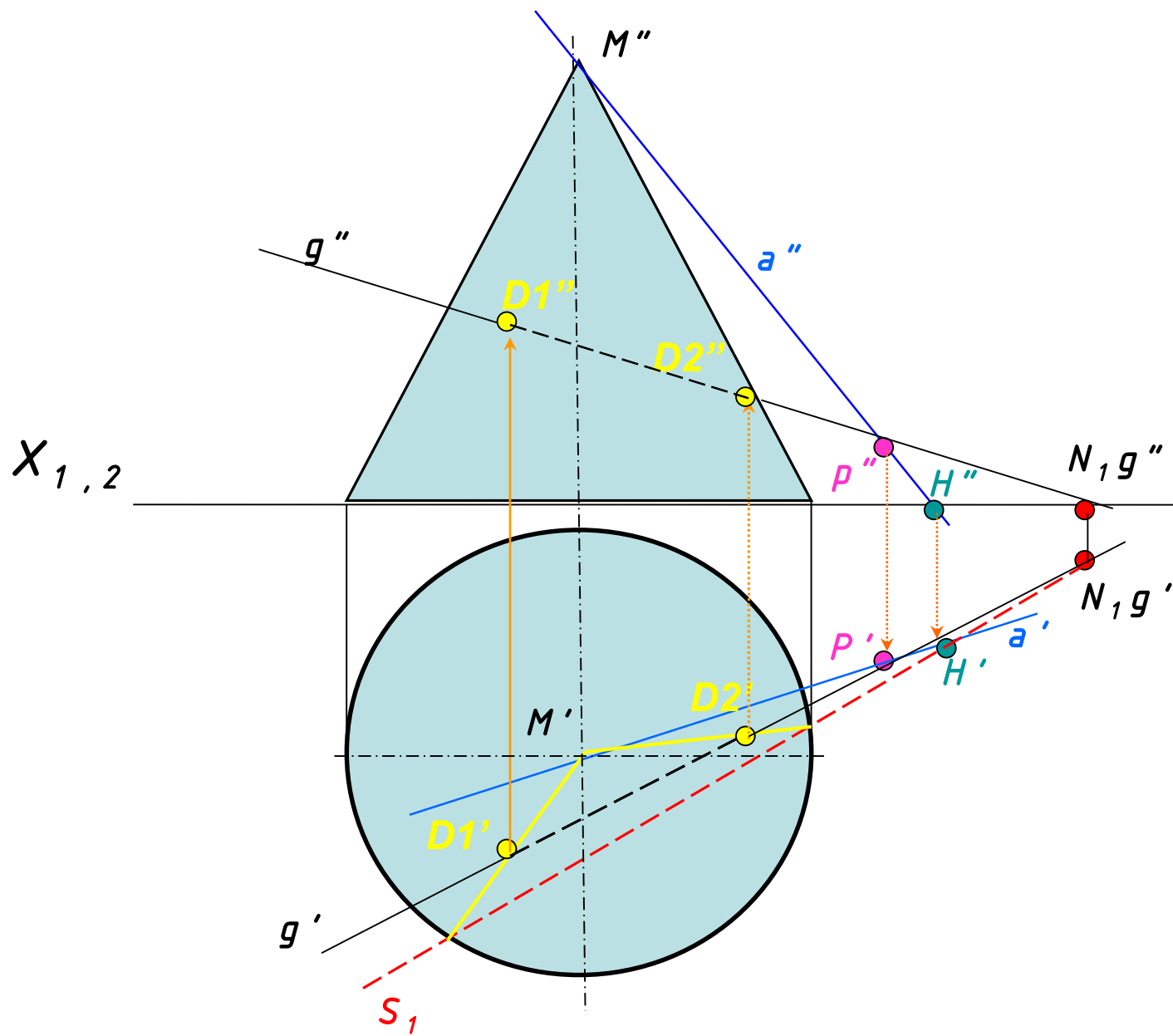












7.

új képsík alkalmazása

$X_{1,2}$

