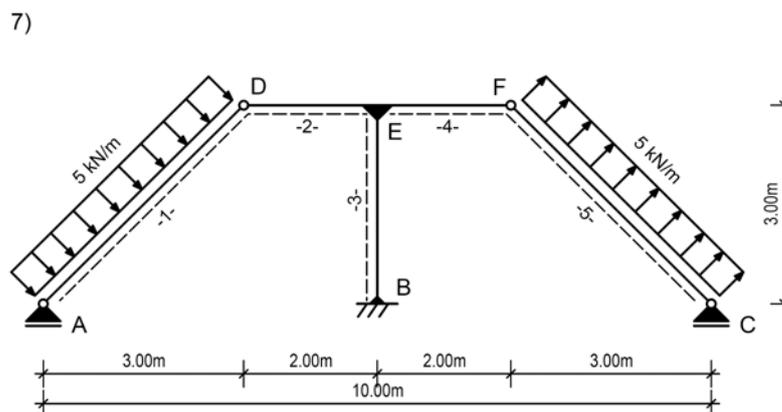
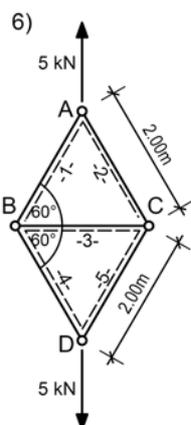
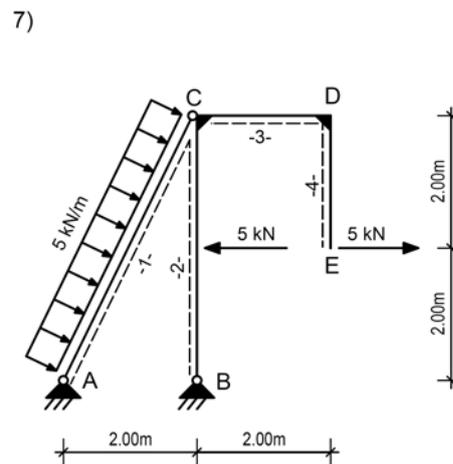
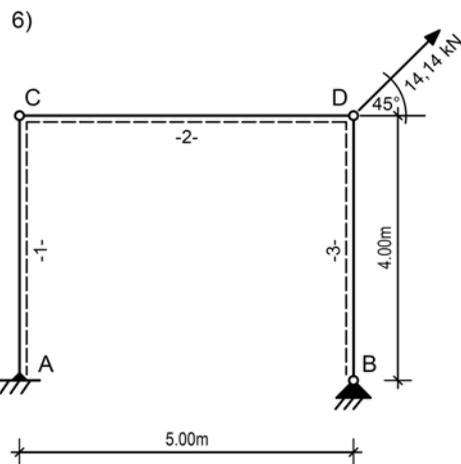
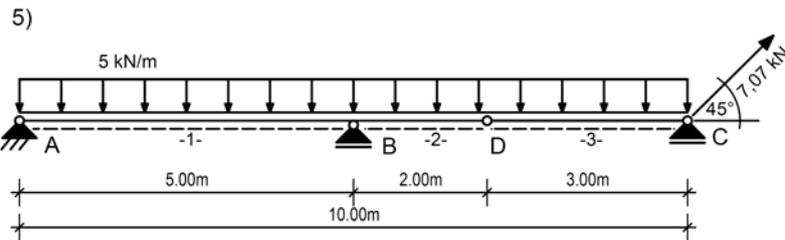
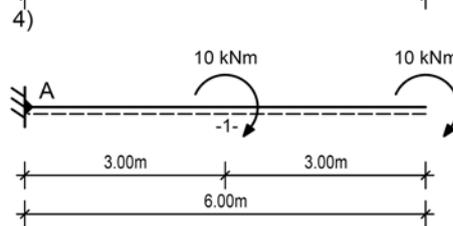
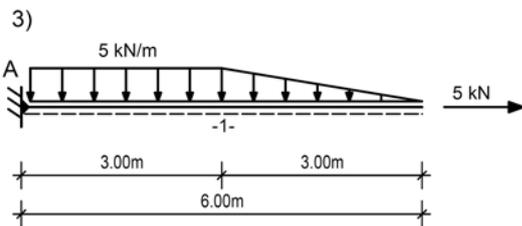
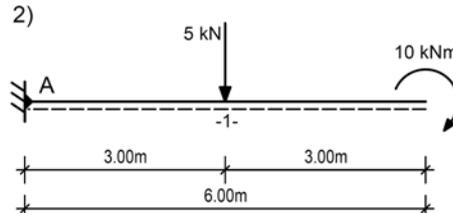
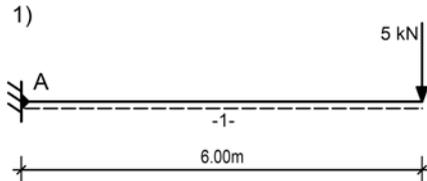
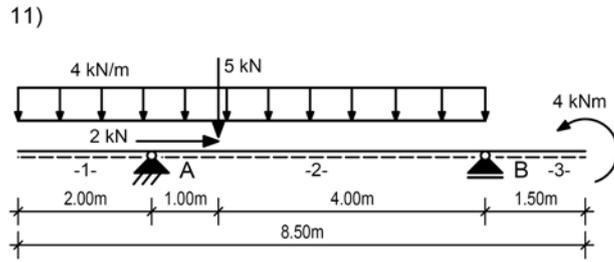
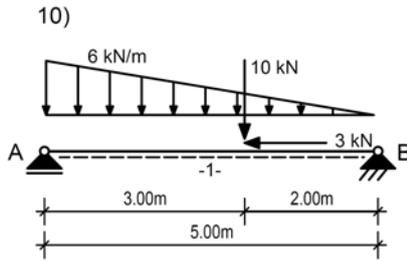
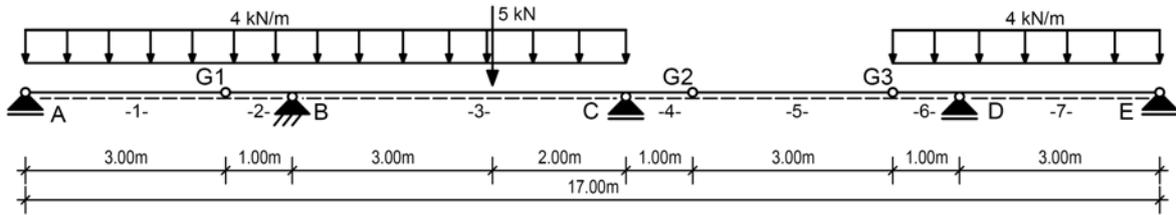


- 1) Gegeben sind die nachfolgend gezeichneten Stabwerke. Es sind die folgenden Punkte zu bearbeiten:
- Überprüfen Sie die statische und geometrische Bestimmtheit
 - Ermitteln Sie für die Stabwerke die Auflagerreaktionen
 - Ermitteln Sie den Verlauf der Schnittgrößen

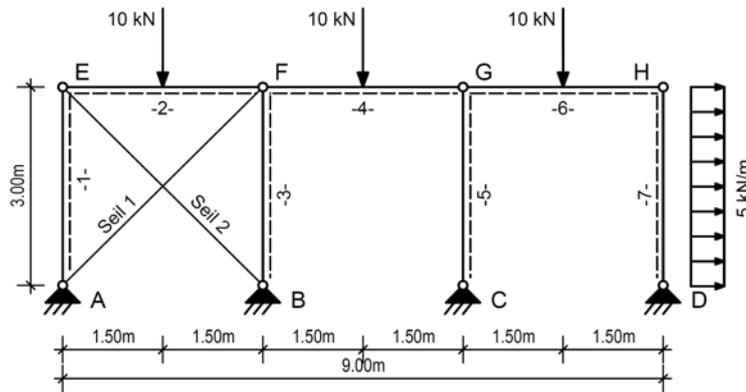




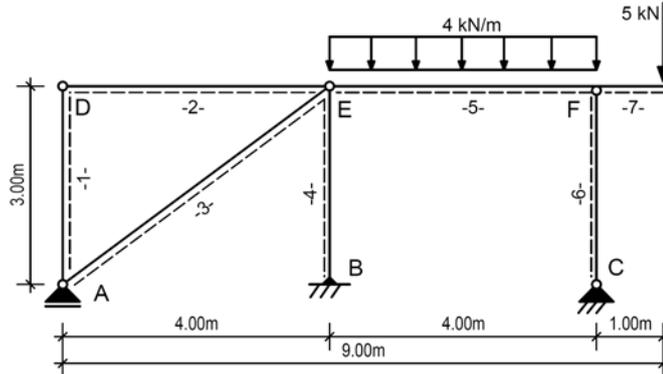
12) GERBER-Träger



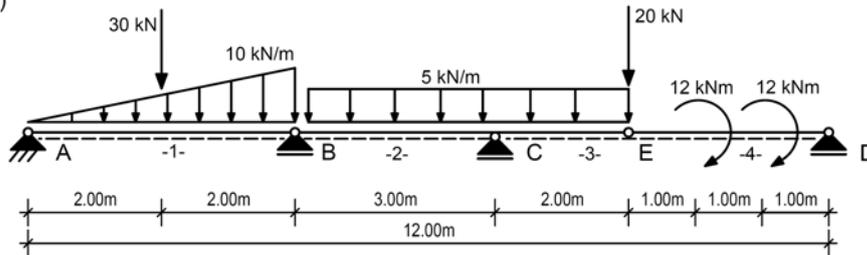
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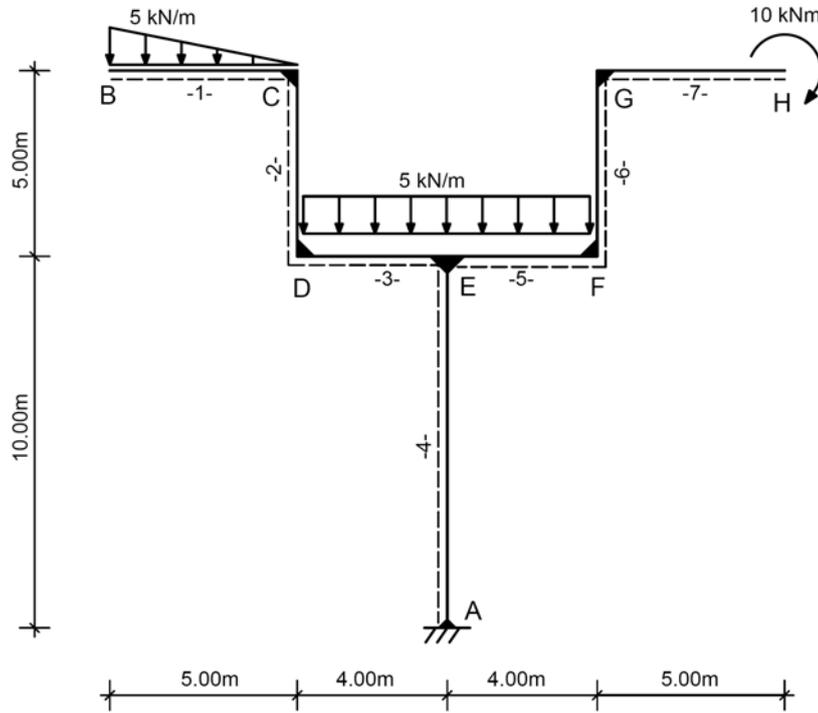
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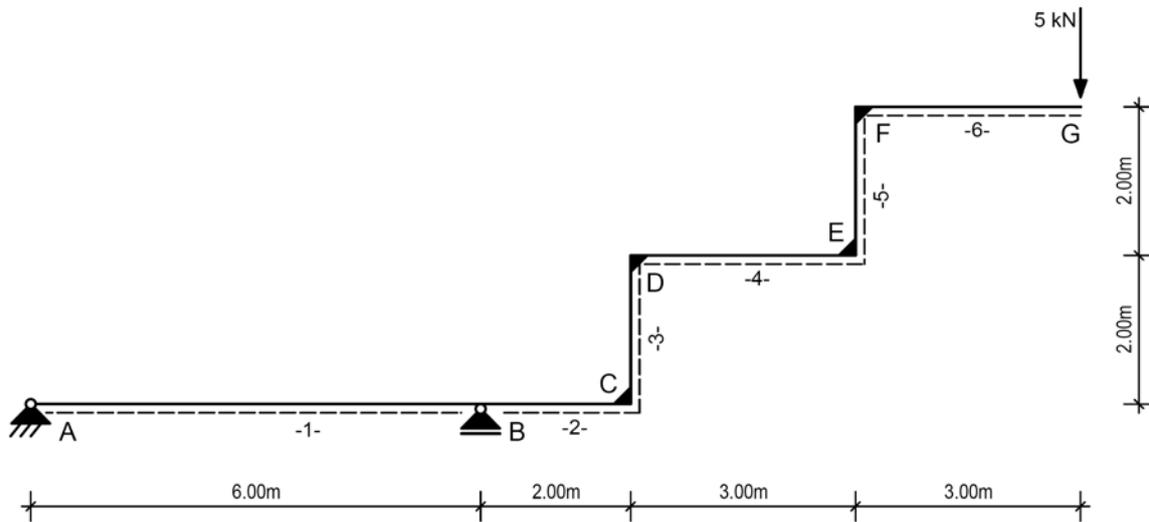
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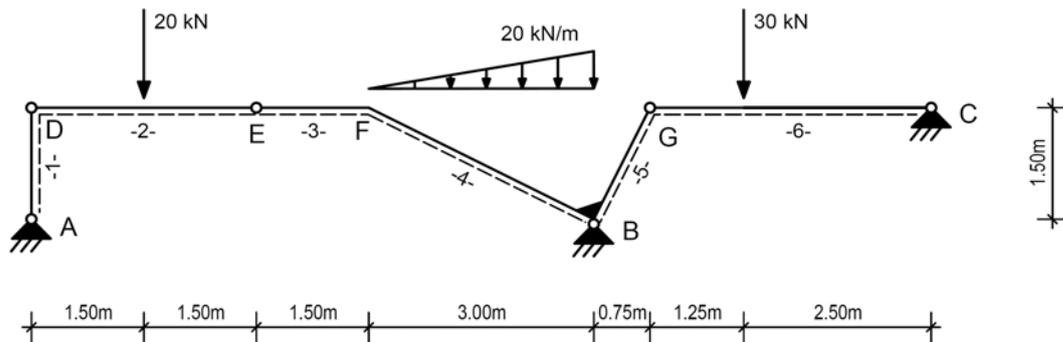
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17)

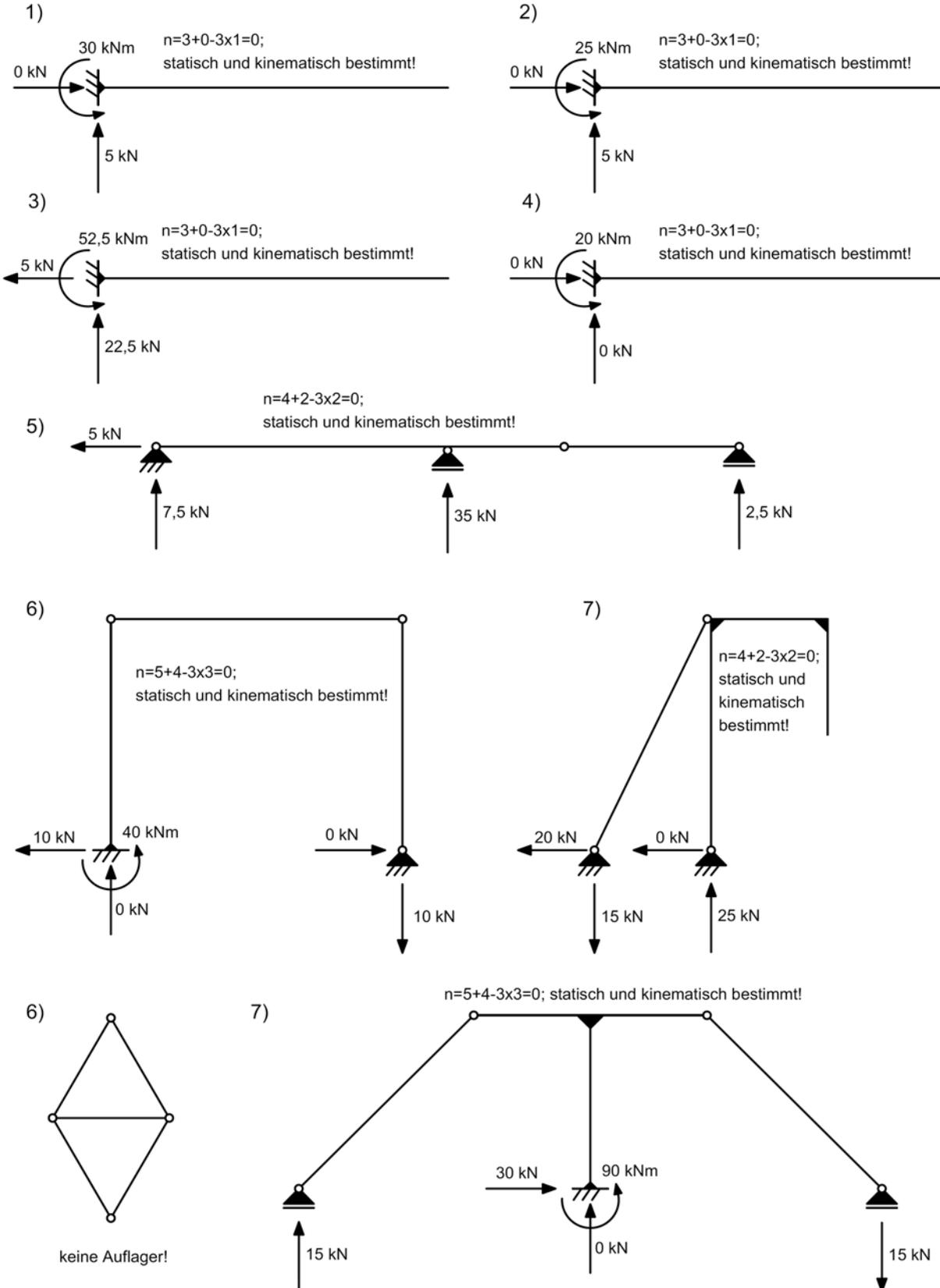


18)



Aufgabe 1:

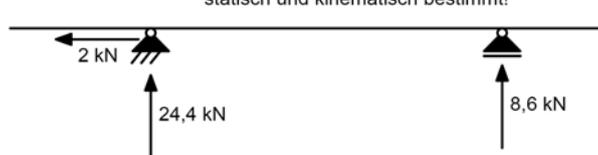
Auflagerreaktionen und statische - kinematische Bestimmtheit:



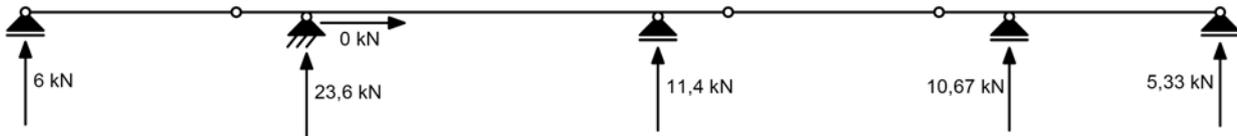
10)
 $n=3+0-3 \times 1=0$;
 statisch und kinematisch bestimmt!



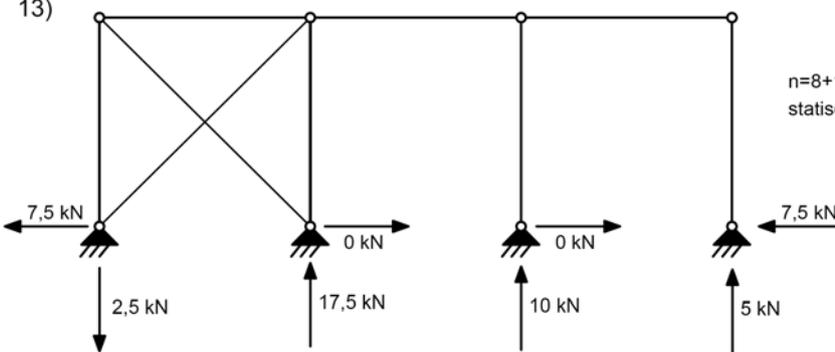
11)
 $n=3+0-3 \times 1=0$;
 statisch und kinematisch bestimmt!



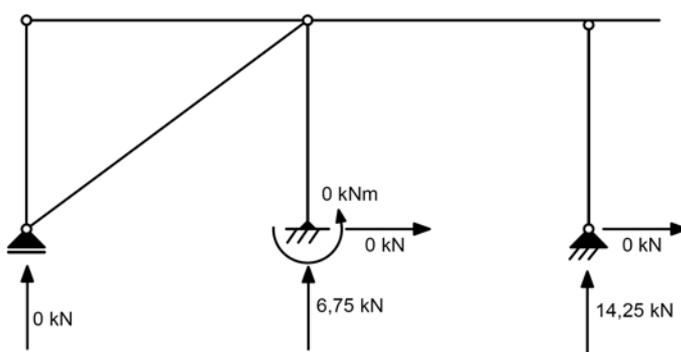
12)
 $n=6+6-3 \times 4=0$;
 statisch und kinematisch bestimmt!



13)
 $n=8+16-3 \times 8=0$;
 statisch und kinematisch bestimmt!



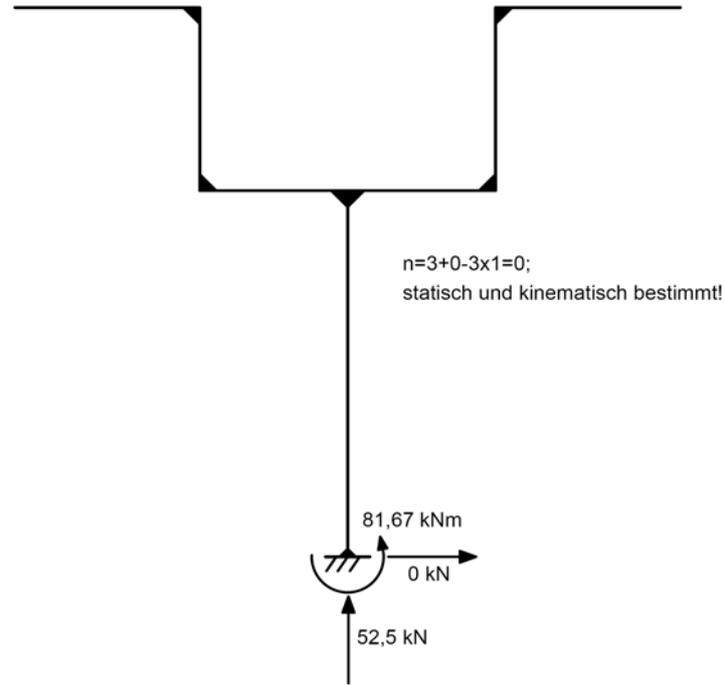
14)
 $n=6+12-3 \times 6=0$;
 statisch und kinematisch bestimmt!



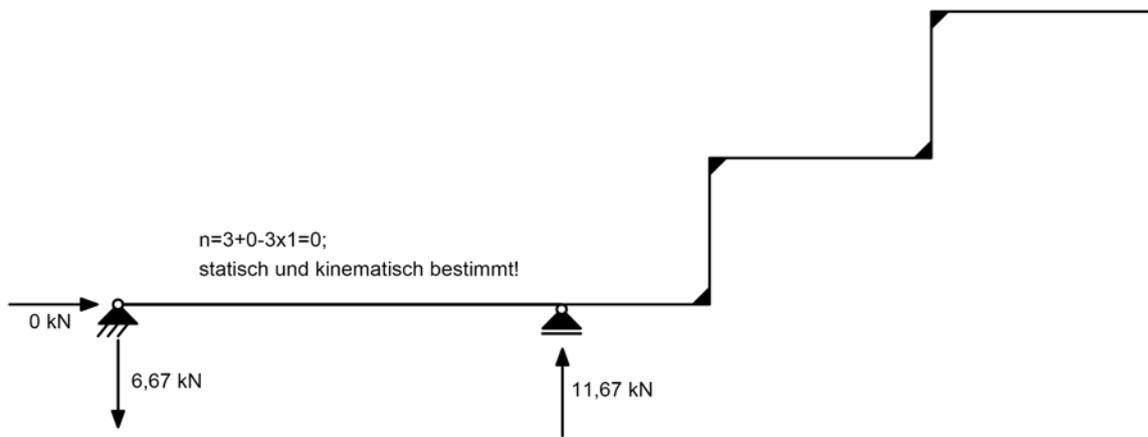
15)
 $n=5+4-3 \times 3=0$; statisch und kinematisch bestimmt!



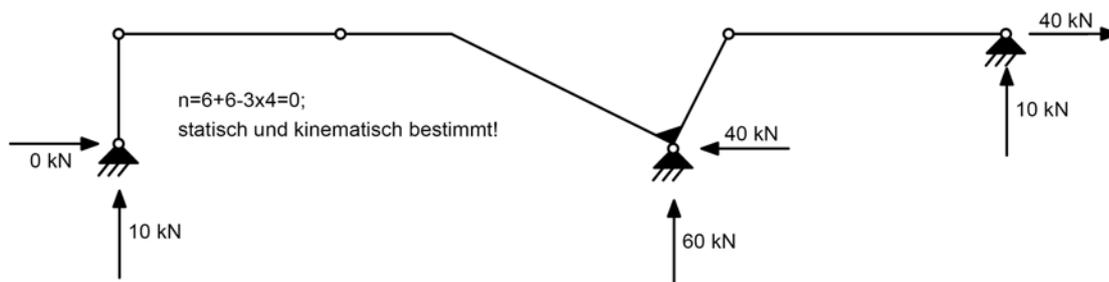
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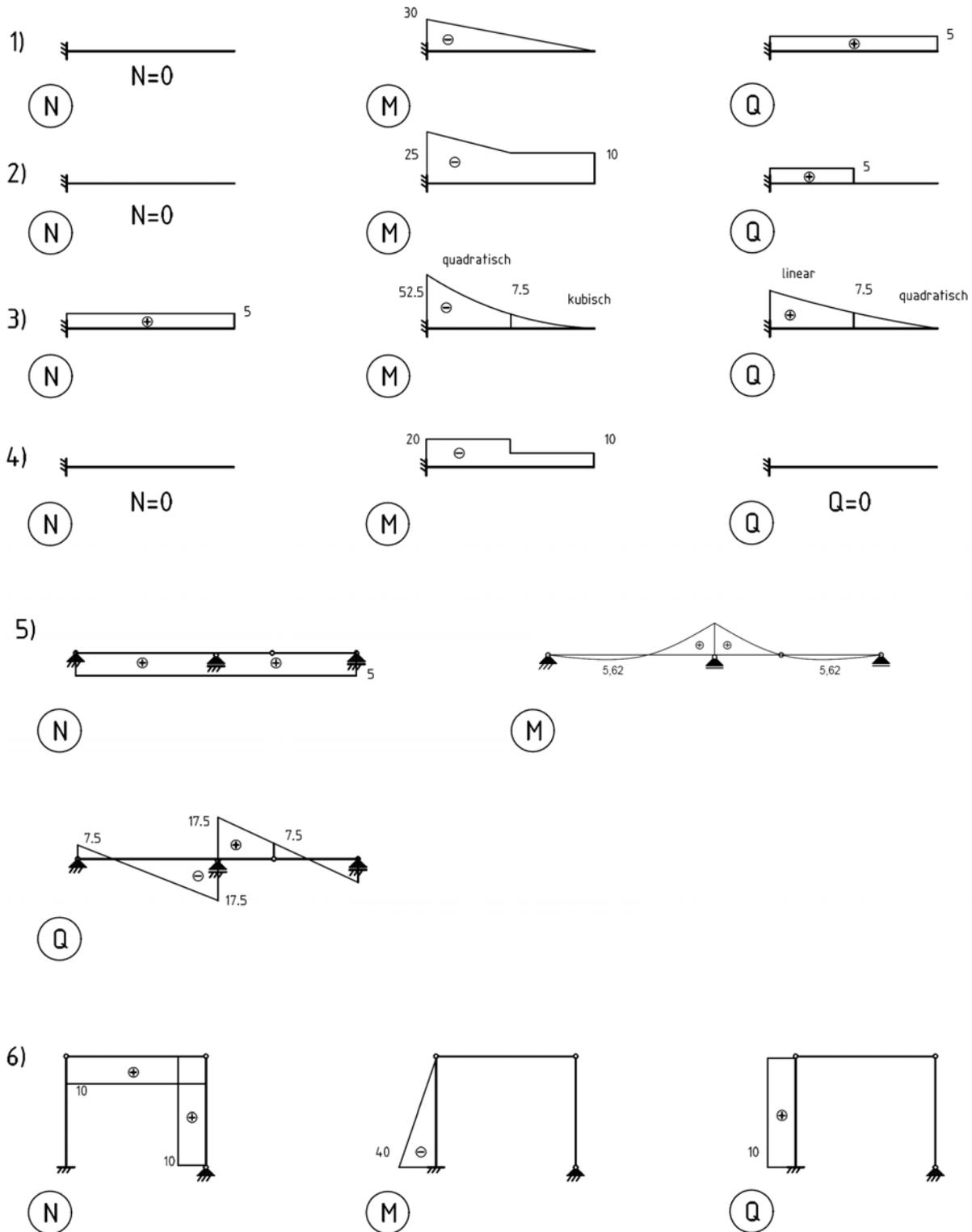
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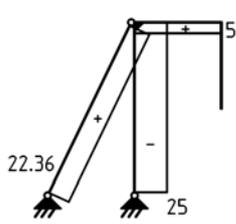
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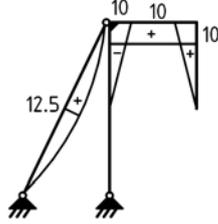
Darstellung der Schnittgrößen:



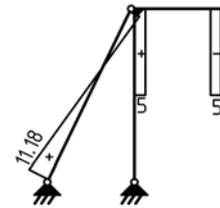
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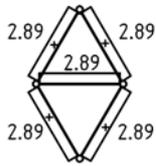


(M)



(Q)

8)



(N)

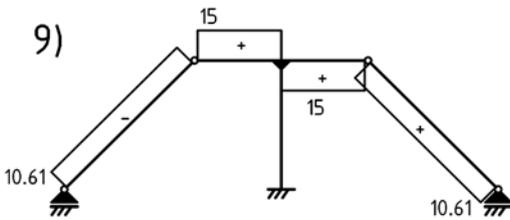


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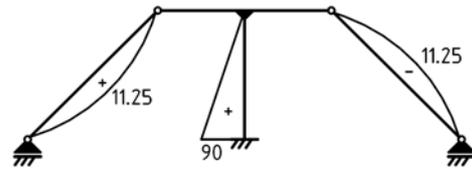


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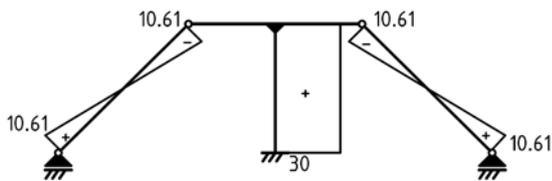
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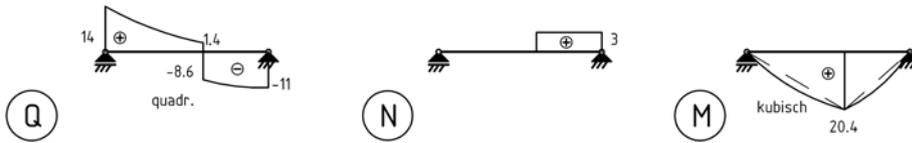


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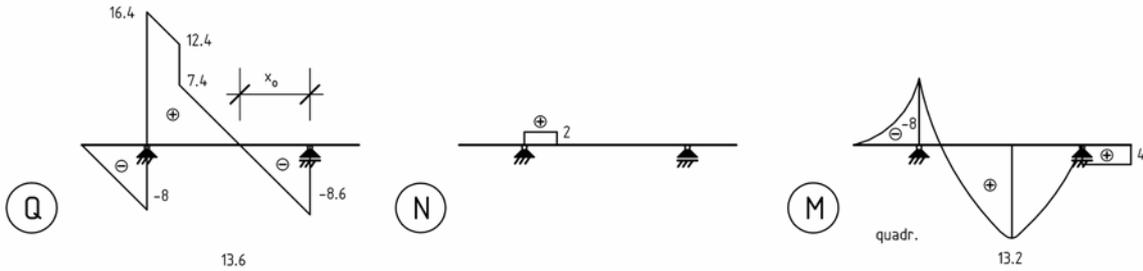


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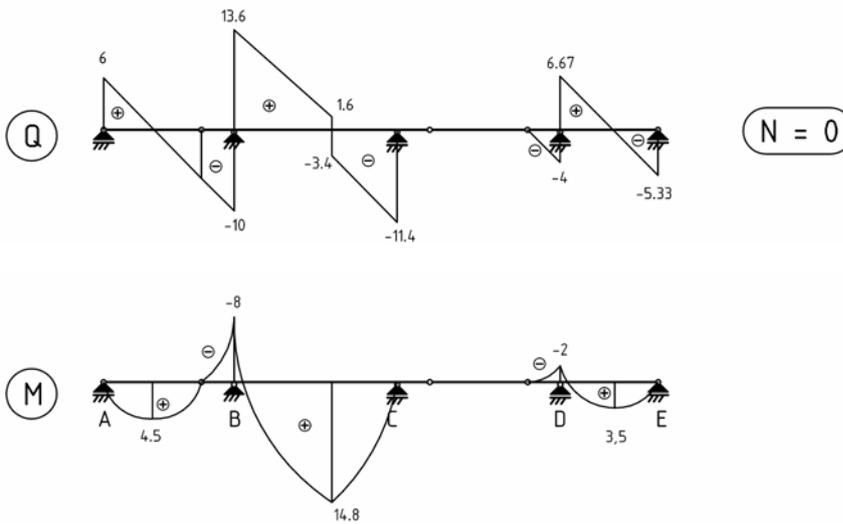
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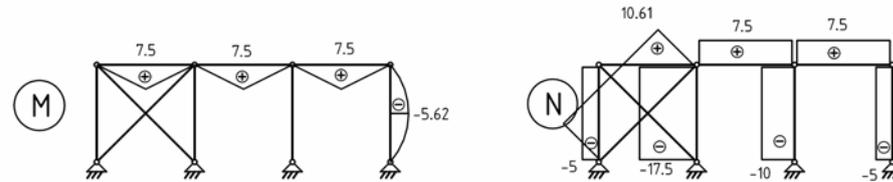
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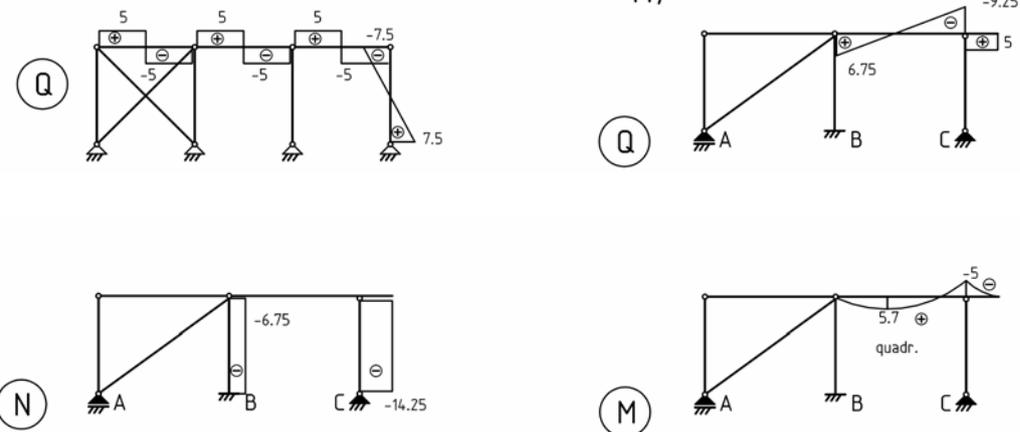
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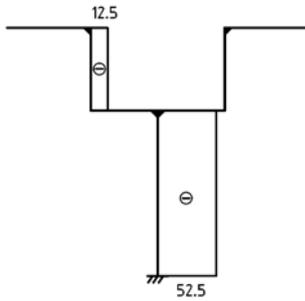
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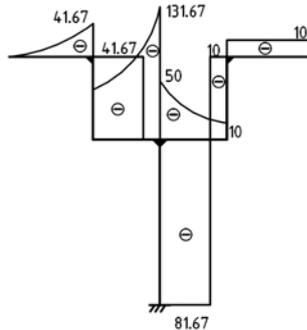
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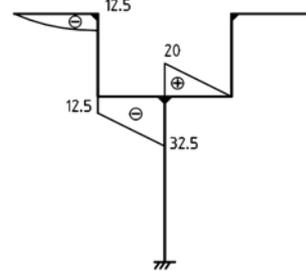
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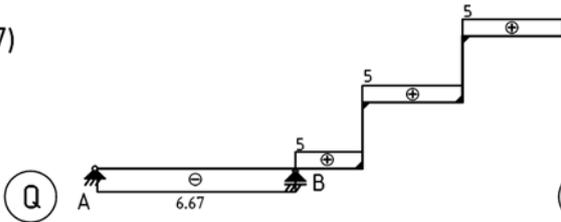


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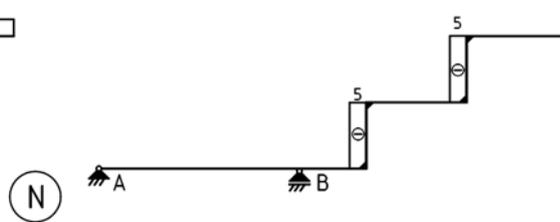


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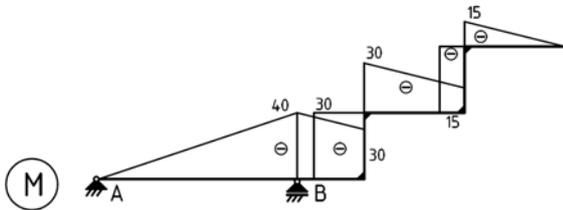
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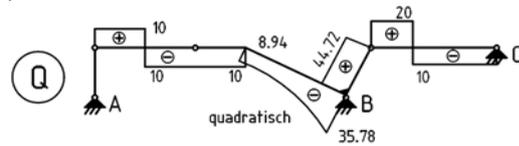


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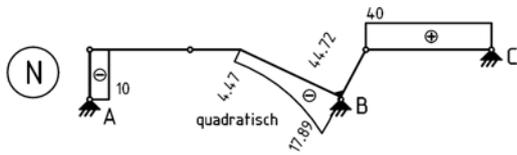


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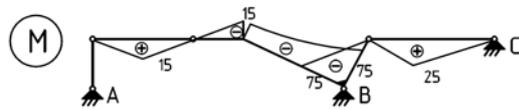
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(Q)



(N)



(M)