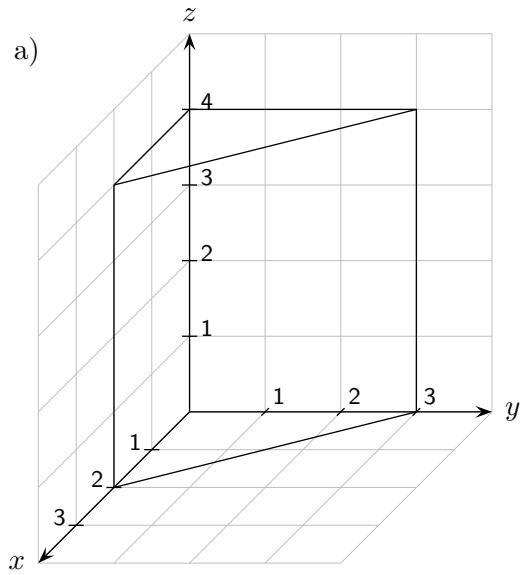
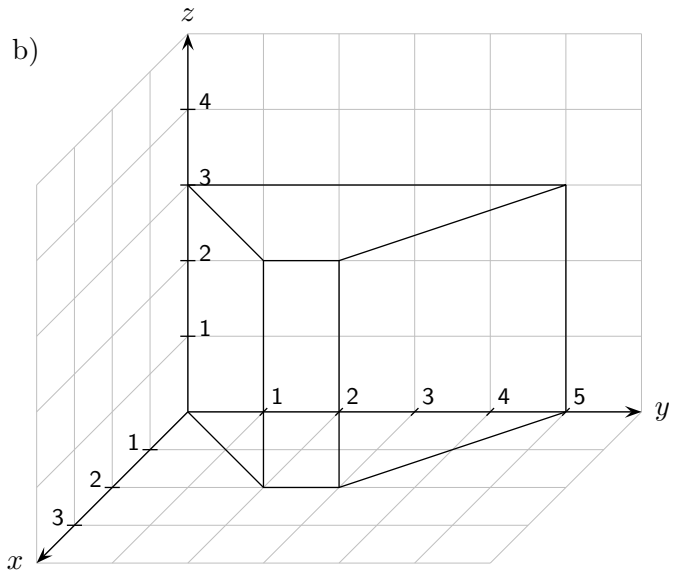
Prismen

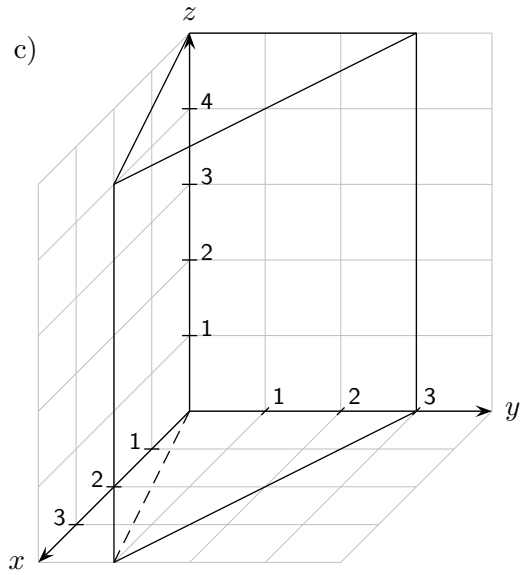
a)



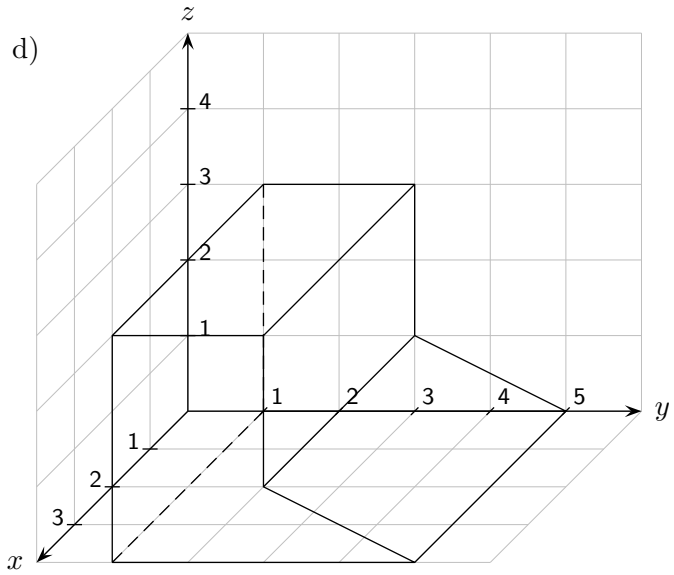
b)



c)

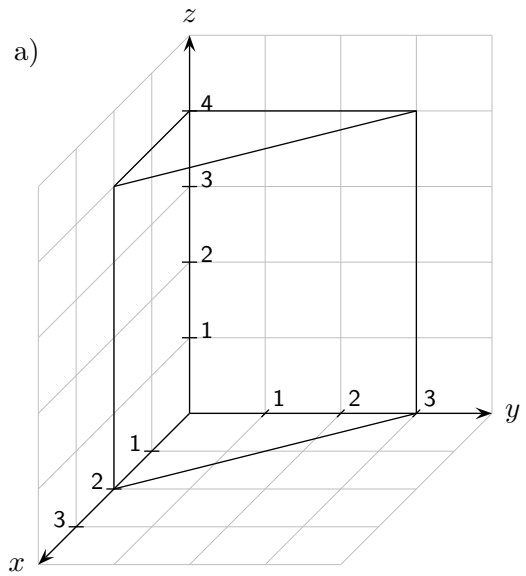


d)

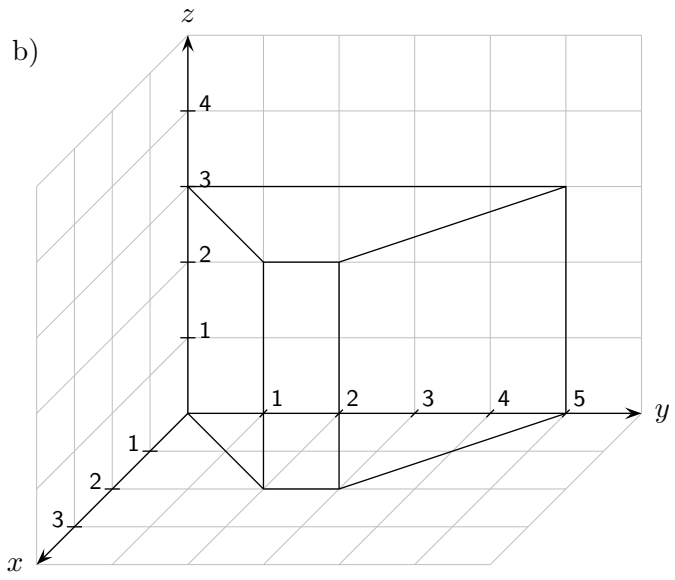


Prismen

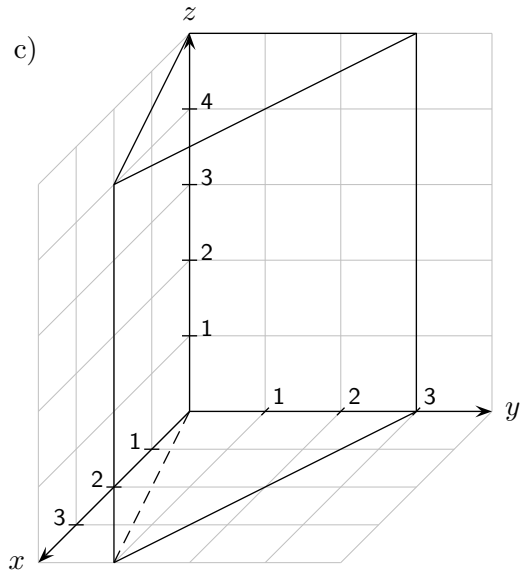
a)



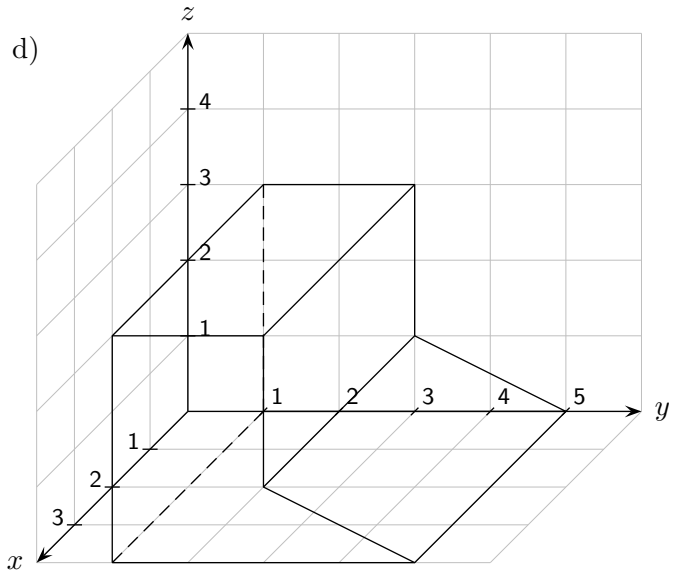
b)



c)



d)



a) $G = 3\,cm^2$ (Grundfläche G), $U = 8{,}606\,cm$ (Umfang der Grundfläche U), U und O in Klasse 8
$V = 12\,cm^3$ (Volumen V), $O = 40{,}422\,cm^2$ (Oberfläche O), $O = U \cdot h + 2 \cdot G$

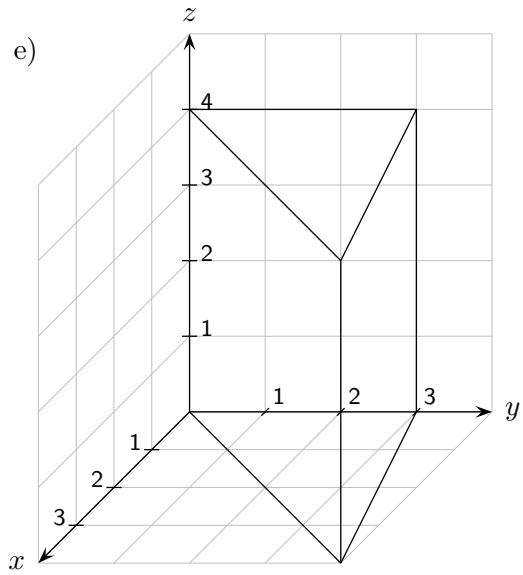
b) $G = 6\,cm^2$, $U = 11{,}657\,cm$
$V = 18\,cm^3$, $O = 46{,}971\,cm^2$

c) $G = 6\,cm^2$, $U = 11{,}595\,cm$
$V = 30\,cm^3$, $O = 69{,}976\,cm^2$

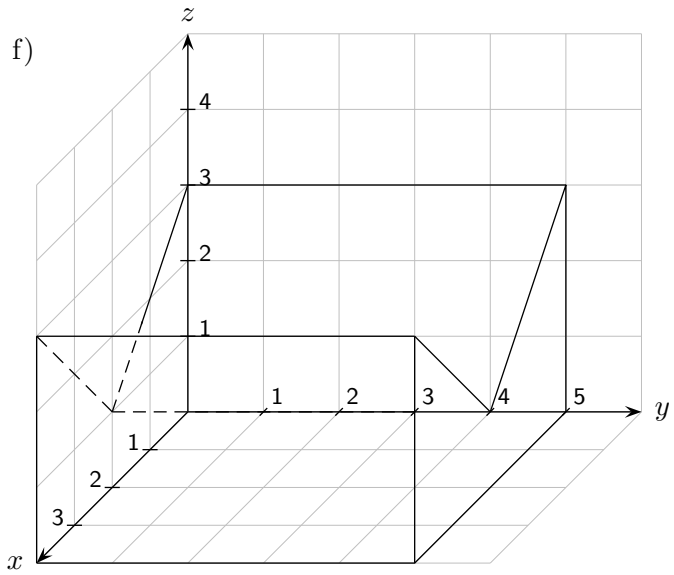
d) $G = 7\,cm^2$, $U = 13{,}236\,cm$
$V = 28\,cm^3$, $O = 66{,}944\,cm^2$

Prismen

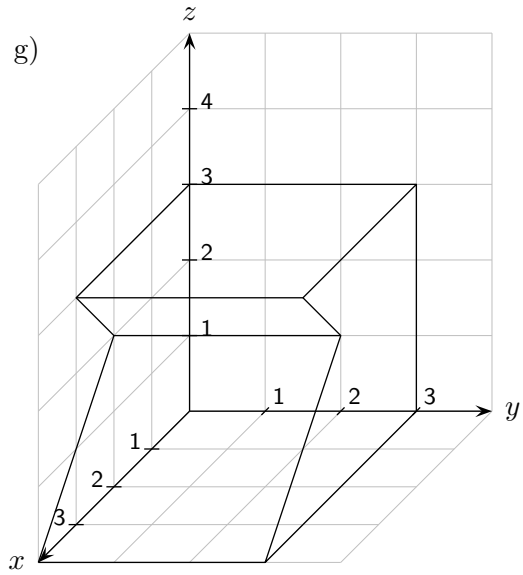
e)



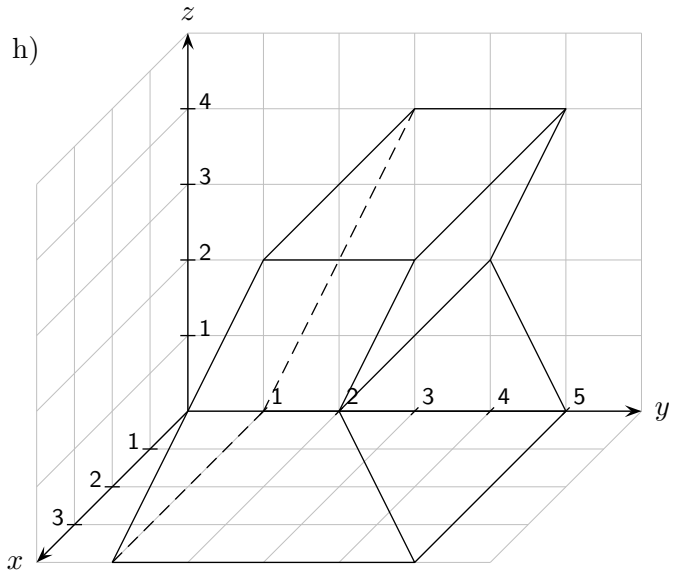
f)



g)

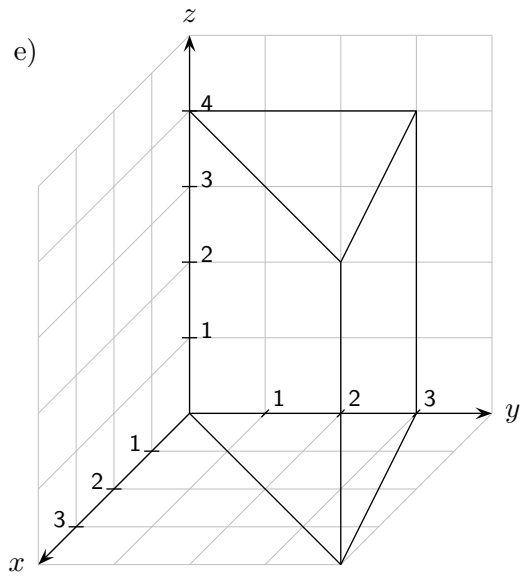


h)

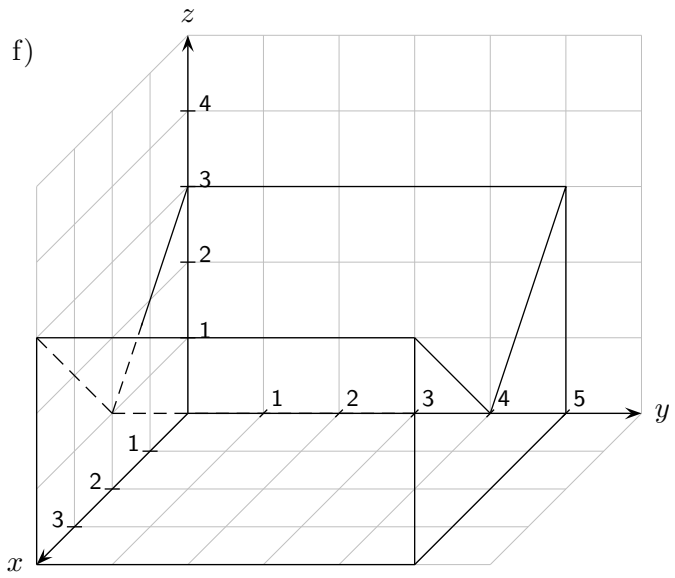


Prismen

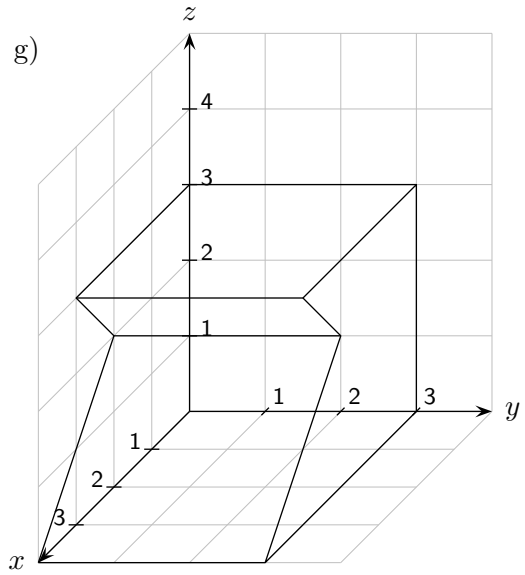
e)



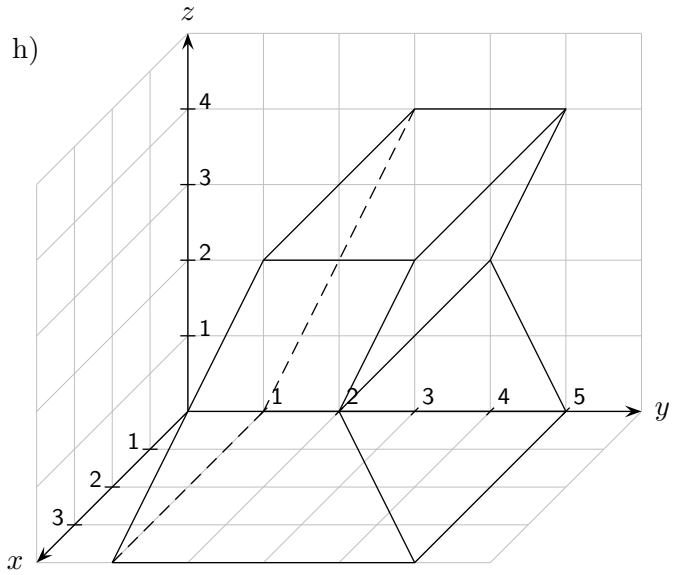
f)



g)



h)



e) $G = 6\,cm^2$ (Grundfläche G), $U = 12{,}780\,cm$ (Umfang der Grundfläche U), U und O in Klasse 8
$V = 24\,cm^3$ (Volumen V), $O = 63{,}120\,cm^2$ (Oberfläche O), $O = U \cdot h + 2 \cdot G$

f) $G = 8\,cm^2$, $U = 15{,}657\,cm$
$V = 40\,cm^3$, $O = 94{,}284\,cm^2$

g) $G = 8{,}5\,cm^2$, $U = 14{,}243\,cm$
$V = 25{,}5\,cm^3$, $O = 59{,}728\,cm^2$

h) $G = 10\,cm^2$, $U = 14{,}944\,cm$
$V = 40\,cm^3$, $O = 79{,}777\,cm^2$