

# Parallelepipedum

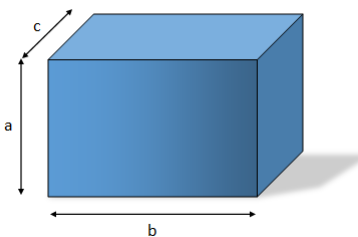
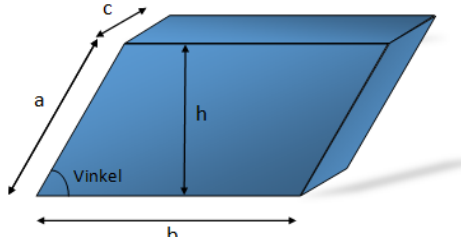
$O = \text{Overflade areal}$

$h = \text{højde}$

$a \cdot b \cdot c = \text{sidelængde}$

$v = \text{vinkel}$

$V = \text{volumen (rumfang)}$

<i>retvinklet</i>	<i>Skævvinklet</i>
	
<i>Volumen</i>	<i>Volumen</i>
$V = a \cdot b \cdot c$	$V = a \cdot b \cdot c \cdot \sin(v)$
<i>Overflade areal</i>	<i>Overflade areal</i>
$O = 2 \cdot (a \cdot b + a \cdot c + b \cdot c)$	$O = 2 \cdot (b \cdot h + a \cdot c + b \cdot c)$
<i>Sider</i>	<i>Sider og højde</i>
$a = \frac{V}{b \cdot c} \quad b = \frac{V}{a \cdot c}$ $c = \frac{V}{a \cdot b}$	$h = a \cdot \sin(v) \quad a = \frac{h}{\sin(v)}$ $b = \frac{V}{a \cdot c \cdot \sin(v)} \quad c = \frac{V}{a \cdot b \cdot \sin(v)}$