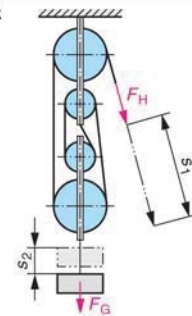
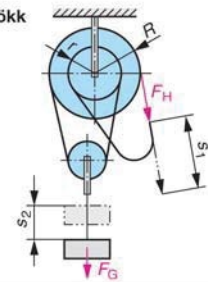
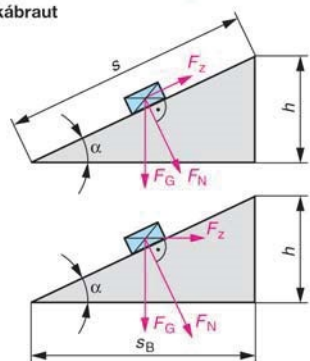
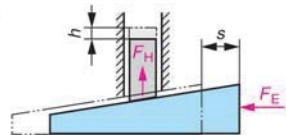
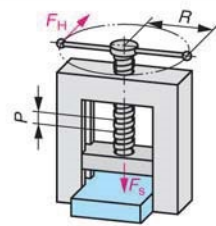


Vogarstöng, vægi, kraftbreytar <i>lever, moment of force, force converter</i>		
<b>Margskorin blökk</b> 	$F_H \cdot \eta = \frac{F_G}{n}$ $s_1 = n \cdot s_2$ $F_H = \frac{F_G}{n \cdot \eta} \quad n = \frac{F_G}{F_H \cdot \eta}$ $F_G = F_H \cdot \eta \cdot n \quad \eta = \frac{F_G}{F_H \cdot n}$	$F_H$ : Handkraftur $F_G$ : Þyngd $n$ : Fjöldi rúlla/skurða $s_1$ : Færsla átaks $s_2$ : Færsla þunga $\eta$ : Nýtni
<b>Mismunablökk</b> 	$F_H \cdot \eta = \frac{F_G}{2} \cdot \frac{R-r}{R}$ $s_1 = 2 \cdot s_2 \cdot \frac{R}{R-r}$ $F_H = \frac{F_G \cdot (R-r)}{2 \cdot R \cdot \eta}$ $F_G = \frac{F_H \cdot 2 \cdot R \cdot \eta}{R-r}$	$F_H$ : Handkraftur $F_G$ : Þyngd $R$ : Radíi stærri rúllu $r$ : Radíi minni rúllu $s_1$ : Færsla átaks $s_2$ : Færsla þunga $\eta$ : Nýtni
<b>Skábraut</b> 	$F_z \cdot s \cdot \eta = F_G \cdot h$ $F_z \cdot \eta = F_G \cdot \sin \alpha$ $F_N = F_G \cdot \cos \alpha$ $F_z \cdot s_B \cdot \eta = F_G \cdot h$ $F_z \cdot \eta = F_G \cdot \tan \alpha$ $F_N = \frac{F_G}{\cos \alpha}$	$F_z$ : Togkraftur $F_G$ : Þyngd $F_N$ : Þverkraftur $s$ : Lengd skábrautar $h$ : Hæð skábrautar $\alpha$ : Halli $\eta$ : Nýtni $s_B$ : Grunnflötur skábrautar
<b>Kíll</b> 	$F_E \cdot s \cdot \eta = F_H \cdot h$ $F_E = \frac{F_H \cdot h}{s \cdot \eta} \quad F_H = \frac{F_E \cdot s \cdot \eta}{h}$	$F_E$ : Kílkraftur $s$ : Færsla kíls $F_H$ : Lyftikraftur $h$ : Lyftihæð $\eta$ : Nýtni
<b>Þvinga</b> 	$F_H \cdot 2 \cdot R \cdot \pi \cdot \eta = F_s \cdot P$ $F_H = \frac{F_s \cdot P}{2 \cdot R \cdot \pi \cdot \eta}$ $F_s = \frac{F_H \cdot 2 \cdot R \cdot \eta \cdot \pi}{P}$	$F_H$ : Handkraftur $F_s$ : Kraftur í stefnu skrúfuáss $R$ : Átaks-armur $P$ : Stigun $\eta$ : Nýtni $\pi$ : 3,14159...