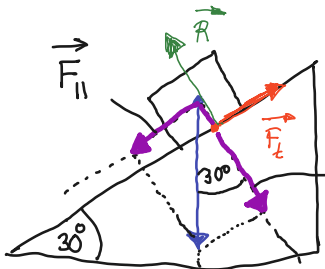
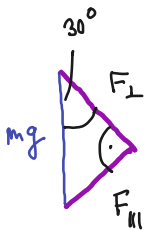
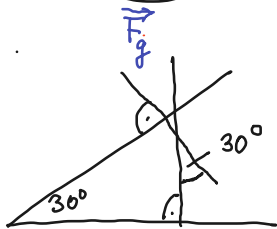


Pr Na NR s úhlem 30° položíme
 bednu ($m = 2\text{ kg}$). Kči, s jakým
 rychlostím bude klouzat dolů, jestl.
 součinitel tření v pohybu je $0,1$.



F_{\perp} = příslušná
 síla



$$\sin 30^\circ = \frac{F_{\perp}}{mg}$$

$$\cos 30^\circ = \frac{F_{\parallel}}{mg}$$

$$F_{\parallel} = mg \cdot \sin 30^\circ$$

$$F_{\perp} = mg \cos 30^\circ$$

$$\left[4,1 \frac{\text{m}}{\text{s}^2} \right]$$

\vec{R} a F_{\perp} ... Komp.

$$F_v = F_{\parallel} - F_t = F_{\parallel} - f \cdot F_{\perp}$$

$$a \cdot m = F_{\parallel} - f \cdot F_{\perp} \rightarrow a =$$

$$\frac{F_{\parallel} - f \cdot F_{\perp}}{m}$$